

PP. 2465  
15  
THE  
BRITISH Telescope:  
BEING AN  
EPHEMERIS  
Of the Cœlestial Motions. With An  
ALMANACK

For the Year of our Lord 1749.

Of the JULIAN Period 6462.

And the first after Bissextile or Leap-Year.  
Containing both the *Heliocentric* and *Geocentric* Motions  
of the Planets, together with their Latitudes and As-  
pects, both Mutual and Lunar.

Amplify'd with Astrological Observations

Upon the four Quarters of the Year; the Eclipses, and  
other material Configurations of the Planets; being  
furnished with divers useful Tables, too numerous to  
be here specified, and all other Necessaries fit and com-  
modious for such a Work.

Calculated according to Art, and referred to the Me-  
ridian of *LONDON*, Metropolis of *Great-Britain*, but to the  
Latitude of 53 Degrees North, from New Tables never yet pub-  
lished; which are so correct and fit for Navigation, that the *Longi-  
tude* by Help thereof may be discovered to one Degree.

---

The Twenty-seventh Impression.

By EDMUND WEAVER, Licensed  
Physician, and Student in the Cœlestial Science.

---

L O N D O N:

Printed by T. PARKER, for the Company of  
STATIONERS.

---

*Ephemerides. K.*

A Table of Simple Interest at 5 per Cent.

Princi- pal.	A Week.	One Month.	Two Months.	Three Months.	Six Months.	Nine Months.	A Year.
Shillings	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.	s. d. q.
5	0 0 0	0 0 1	0 0 2	0 0 3	0 1 2	0 2 1	0 3 0
10	0 0 0	0 0 2	0 1 0	0 1 2	0 3 0	0 4 2	0 6 0
15	0 0 0	0 0 3	0 1 2	0 2 1	0 4 2	0 6 3	0 9 0
Pounds							
1	0 0 1	0 1 0	0 2 0	0 3 0	0 6 0	0 9 0	1 0 0
2	0 0 2	0 2 0	0 4 0	0 6 0	1 0 0	1 6 0	2 0 0
3	0 0 3	0 3 0	0 6 0	0 9 0	1 6 0	2 3 0	3 0 0
4	0 1 0	0 4 0	0 8 0	1 0 0	2 0 0	3 0 0	4 0 0
5	0 1 1	0 5 0	0 10 0	1 3 0	2 6 0	3 9 0	5 0 0
6	0 1 2	0 6 0	1 0 0	1 6 0	3 0 0	4 6 0	6 0 0
7	0 1 3	0 7 0	1 2 0	1 9 0	3 6 0	5 3 0	7 0 0
8	0 2 0	0 8 0	1 4 0	2 0 0	4 0 0	6 0 0	8 0 0
9	0 2 1	0 9 0	1 6 0	2 3 0	4 6 0	6 9 0	9 0 0
Tens of Pounds							
10	0 2 2	0 10 0	0 18 0	0 26 0	0 50 0	0 76 0	0 100 0
20	0 5 0	1 8 0	0 34 0	0 50 0	0 100 0	0 150 0	1 00 0
30	0 7 2	2 6 0	0 50 0	0 76 0	0 150 0	1 26 0	1 100 0
40	0 10 0	3 4 0	0 68 0	0 100 0	1 00 0	1 100 0	2 00 0
50	1 0 2	4 2 0	0 84 0	0 126 0	1 50 0	1 176 0	2 100 0
60	1 3 0	5 0 0	0 100 0	0 150 0	1 100 0	2 50 0	3 00 0
70	1 5 2	5 10 0	0 118 0	0 176 0	1 150 0	2 126 0	3 100 0
80	1 7 0	6 8 0	0 134 0	1 00 0	2 00 0	3 00 0	4 00 0
90	1 9 2	7 6 0	0 150 0	1 26 0	2 00 0	3 76 0	4 100 0
Hundreds of Pounds							
100	2 1 0	8 4 0	0 16 8	1 5 0	2 10 0	3 15 0	5 0 0
200	4 2 0	16 8 0	1 13 4	2 10 0	5 0 0	7 10 0	10 0 0
300	6 3 0	1 5 0	2 10 0	3 15 0	7 10 0	11 5 0	15 0 0
400	8 4 0	1 13 4	3 6 8	5 0 0	10 0 0	15 0 0	20 0 0
500	10 5 0	2 1 8	4 3 4	6 5 0	12 10 0	18 15 0	25 0 0
600	12 6 0	2 10 0	5 0 0	7 10 0	15 0 0	22 10 0	30 0 0
700	14 7 0	2 18 4	5 16 8	8 15 0	17 10 0	26 5 0	35 0 0
800	16 8 0	3 6 8	6 13 4	10 0 0	20 0 0	30 0 0	40 0 0
900	18 9 0	3 15 0	7 10 0	11 5 0	22 10 0	33 15 0	45 0 0
1000	20 10 0	4 3 4	8 6 8	12 10 0	25 0 0	37 10 0	50 0 0

To find the Interest of 596 Pounds 10 Shillings for a Year, Nine Months, and a Week. Placing the Sums in Order as below, take the Interest of each Sum for each Time proposed, and add all together.

	A Year	9 Months.	A Week.	By adding these	
Pounds	500	18 15 0	10 5 0	three Sums toge-	l. s. d. q.
Shill.	90	3 7 6	1 9 2	ther, you have	29 16 6
	6	0 4 6	0 1 2	the Interest of	22 5 4
	10	0 4 2	0 0 0	the Sum for the	0 12 4
				time proposed,	
				Viz.	52 12 2

A  
The  
wi  
the  
beg  
N  
Willi  
Willi  
Henr  
Steph  
Henr  
Richa  
John  
Henr  
Edwar  
Edwar  
Edwar  
Richa  
Henr  
Henr  
Edwar  
Edwar  
Richa  
Henr  
Henr  
James  
Charle  
Charle  
James  
{ Mar  
{ Wil  
Anne  
Georg  
GEO  
'T  
W  
Bu  
Sun  
TH  
To

# A TABLE of all the **KINGS** and **QUEENS** of *England* since the Conquest.

The Year of Birth of each King and Queen, with the Year, Month, and Day whereon they began to reign, accounting the Year to begin upon the First of January.

The length of Years expired since each Reign began & ended.

Names.	Born	Began to reign.	Y. M. D.	Began	Ended
William Conq.	1027	1066 October	14	20 10 26	663
William Rufus	1057	1087 September	9	12 10 24	662
Henry I.	1058	1100 August	2	35 4 0	649
Stephen	1105	1135 December	1	18 10 24	614
Henry II.	1134	1154 October	25	34 8 11	595
Richard I.	1156	1189 July	6	9 9 0	560
John	1166	1199 April	6	17 6 13	550
Henry III.	1207	1216 October	19	56 1 0	533
Edward I.	1239	1272 November	16	34 7 21	477
Edward II.	1284	1307 July	7	19 6 13	442
Edward III.	1312	1327 January	20	50 5 1	422
Richard II.	1366	1377 June	21	22 3 8	372
Henry IV.	1367	1399 Septamber	29	13 5 21	350
Henry V.	1389	1413 March	20	9 5 11	336
Henry VI.	1421	1422 August	31	38 6 4	327
Edward IV.	1442	1461 March	4	22 1 5	288
Edward V.	1471	1483 April	9	0 2 13	266
Richard III.	1443	1483 June	22	2 2 0	266
Henry VII.	1457	1485 August	22	23 8 0	264
Henry VIII.	1492	1509 April	22	37 9 6	240
Edward VI.	1537	1547 January	28	6 5 8	202
Mary I.	1516	1553 July	6	5 4 11	196
Elizabeth	1533	1558 November	17	44 4 7	191
James I.	1566	1603 March	24	22 0 3	146
Charles I.	1600	1625 March	27	23 10 3	124
Charles II.	1630	1649 January	30	36 0 7	100
James II.	1633	1685 February	6	4 0 7	64
Mary II.	1662	1689 February	13	5 10 15	60
William III.	1650			13 0 23	60
Anne	1665	1702 March	8	12 4 24	47
George I.	1660	1714 August	1	12 10 10	35
GEORGE II.	1683	1727 June	11	Whom God preserve.	

'Twixt King and Peasant if no Odds there were,  
Why should each Monarch Crown and Scepter bear?  
But, if Superiors can Obedience claim,  
Sure Kings and Queens may first command the same;  
Then let each Subject due Allegiance tender  
To GEORGE our rightful King and Faith's Defender.

# TABLE of the Reverend Bishops and Deans

Bishops	Sees	Date	Succeeded	Deans
Dr. Tho. Herring, Arch-Bishop.	Bangor	1737	Cecil deceased	
	York, A. B.	1743	Blackburn dec.	
Dr. Matt. Hutton, Arch-Bishop.	Canterb. A. B.	1747	Potter deceased	Dr. John Lynch
	Bangor	1743	Herring transl.	
	York	1747	Herring transl.	Dr. John Fontayne
	Lincoln	1716	Wake transl.	
	London	1723	Robinson dec.	Dr. Joseph Butler
Dr. Edw. Chandler	Litchf. & Cov.	1717	Hough transl.	
	Durham	1730	Talbot deceased	Mr. Spencer Cowper
	Bangor	1716	Evans transl.	
Dr. Benjam Hoadley	Hereford	1721	Bisps deceased	
	Salisbury	1723	Willis transl.	Dr. Tho. Cheney
	Winchester	1734	Willis deceased	
Dr. Joseph Wilcox	Gloucester	1721	Willis transl.	
	Rochester	1731	Bradford dec.	Dr. John Newcome
Dr. Rich. Smallbrook	St. David's	1724	Otley deceased	
	Litchf. & Cov.	1730	Chandler transl.	Dr. J. Addenbrook
Dr. Samuel Peploe	Chester	1726	Castrel deceased	Dr. Thom. Brooke
Dr. Thomas Sherlock	Bangor	1728	Baker transl.	
	Salisbury	1734	Hoadley transl.	Dr. John Clark
Dr. Martin Benson	Gloucester	1734	Syddal dec.	Dr. D. Newcomb
Dr. Thomas Secker	Bristol	1734	Cecil translated	
	Oxford	1737	Potter transl.	Dr. John Conybear
Dr. Isaac Maddox	St. Asaph	1736	Tanner deceased	
	Worcester	1743	Hough deceased	Dr. Edw. Martin
Dr. Thomas Gooch	Bristol	1737	Secker transl.	
	Norwich	1738	Butts translated	
	Ely	1747	Butts deceased	Dr. Peter Allix
Dr. Joseph Butler	Bristol	1738	Gooch transl.	Dr. Chamberlayne
Dr. Matth. Mawson	Landaff	1738	Harris deceased	
	Chichester	1740	Hare deceased	Dr. W. Asburnham
Dr. John Gilbert	Landaff	1738	Mawson transl.	Dr. John Evans
Dr. Edward Willes	St. David's	1742	Clagget transl.	
	Bath & Wells	1743	Wynn deceased	Dr. Sam. Crefwick
Dr. John Thomas	St. Asaph El.	1743	Maddox transl.	
	Lincoln	1744	Reynolds dec.	Dr. Will. George
Dr. Samuel Lisle	St. Asaph	1744	Thomas transl.	
	Norwich	1748	Gooch transl.	Dr. Thom. Bullocks
Dr. Richard Trevor	St. David's	1744	Willes transl.	Dr. Joseph Hill
Dr. James Beauchlerk	Hereford	1746	Egerton deceased	Dr. Edw. Cresset
Dr. Geo. Levington	Exeter	1746	Clagget deceased	Dr. Charl. Littleton
Dr. Rich. Obaldston	Carlisle	1747	Fleming dec.	Dr. Robert Bolton
Dr. John Thomas	Peterborough	1747	Clavering dec.	Dr. Robert Lamb
Dr. Zachar. Pearce.	Bangor	1747	Hutton transl.	Dr. Peter Maurice
Dr. Rob. Drummond	St. Asaph	1748	Lisle transl.	Dr. Will. Powell
	Westminster			Dr. Joseph Wilcox
Dr. Thomas Wilson	Sodor & Man.	1696	Levenz deceased	

Right  
Th  
In th  
Sir  
Sir  
Sir  
Sir  
Th  
In eigh  
From  
On the  
In eigh  
From t  
From t  
From t  
From t  
On the  
T  
On the  
In 3 da  
From t  
From t  
Mich  
From t  
From t  
On the  
On the  
In 8 da  
From t  
N. A  
The  
fore w  
Note,  
Days of



**The Names of the Learned Judges in the Law.**

Right Honourable *Philip Lord Hardwicke*, High Chancellor of Great Britain.

The Honourable *William Fortescue*, Esq; Master of the Roles.

In the King's Bench | The Common Pleas. | The Exchequer.

Sir *W. Lee*, L.C.J. | Sir *J. Willes*, L.C.J. | Sir *T. Parker*, L.C.B.

Sir *Martin Wright*, | Sir *Thomas Burnet*, | *Charles Clark*, Esq;

Sir *Tho. Dennison*, | Sir *Thomas Abney*, | *Edward Clive*, Esq;

Sir *Mic. Foster*, | *Tho. Birch*, Esq; | *Heneage Legge*, Esq;

Sir *Dudley Rider*, Knight, Attorney-General.

The Honourable *William Murray*, Esq; Solicitor General.

**A Table of Terms and their Returns.**

Hilary-Term begins *Jan. 23*, ends *Feb. 13*, hath 4 Returns.

Returns or Essoign-days.		Exc.	Ret.	Ap.	W. D
In eight days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	23	Mond.
From the day of <i>St. Hilary</i> in 15 days,	27	28	29	30	Mond.
On the morrow of the Purif. of the <i>B. Mary</i> , <i>Feb. 3</i>	4	5	6		Mond.
In eight days of the Purif. of the Blessed <i>Mary</i> , 9	10	11	13		Mond.

Easter-Term begins *April 12*, ends *May 8*, hath 5 Returns.

From the day of Easter in 15 days,	<i>April 9</i>	10	11	12	Wedn.
From the day of Easter in 3 weeks,	16	17	18	19	Wedn.
From the day of Easter in 1 month,	23	24	25	26	Wedn.
From the day of Easter in 5 weeks,	30	MI	2	3	Wedn.
On the morrow of the Ascension,	<i>May 5</i>	6	7	8	Mond.

Trinity-Term begins *May 26*, ends *June 14*, hath 4 Returns.

On the morrow of the holy Trinity,	<i>May 22</i>	23	24	26	Friday
In 3 days of the holy Trinity,	28	29	30	31	Wedn.
From the day of holy Trinity in 15 Days, <i>June 4</i>	5	6	7		Wedn.
From the day of the holy Trin. in 3 Weeks	11	12	13	14	Wedn.

Michaelmas-Term begins *Oct. 23*, ends *Nov. 28* hath 6 Returns.

From the day of <i>St. Mich.</i> in 3 weeks,	<i>Oct. 20</i>	21	22	23	Mond.
From the day of <i>St. Mich.</i> in 1 Month,	27	28	29	30	Mond.
On the morrow of <i>All Souls</i> ,	<i>Nov. 3</i>	4	5	6	Mond.
On the morrow of <i>St. Martin</i> ,	12	13	14	15	Wedn.
In 8 days of <i>St. Martin</i> ,	18	19	20	21	Tuefd.
From the day of <i>St. Martin</i> in 15 days,	25	26	27	28	Tuefd.

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, the 1st and 2d of *November*, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins except Trinity, before which it opens but four Days.

*Note*, That the first and last Days of every Term are the first and last Days of Appearance.

# Common Notes and Moveable Feasts for the Year 1749.

Jul. Account, Gregorian	Julian Account,	Gregorian
<sup>2</sup> Golden Number	2 Feb. 5 Shrove Sunday	Febr. 16
<sup>22</sup> Epact	11 Mar. 26 Easter Day	April 6
<sup>12</sup> Roman Indiction	12 Apr. 30 Rogation Sun.	May 11
<sup>22</sup> Cycle of the Sun	22 May 4 Ascension-Day	May 15
A Dominical Letter	E May 14 Whit-Sunday	May 25
26 Numb. of Direct.	37 Dec. 3 Advent-Sunday	Nov. 30

## The Names and Characters of the Twelve SIGNS.

♈ Aries	♋ Cancer	♎ Libra	♏ Capricorn
♉ Taurus	♌ Leo	♍ Scorpio	♐ Aquarius
♊ Gemini	♍ Virgo	♏ Sagittary	♑ Pisces

The Names and Characters of the Seven Planets, Dragon's Head and Tail, *Tellus*, or the Earth, and Part of Fortune.

♄ Saturn	☉ Sol (the Sun)	♀ Luna (the Moon)	⊕ Part of For.
♃ Jupiter	♀ Venus	♁ Dragon's Head	⊗ Tellus (or
♂ Mars	☿ Mercury	♂ Dragon's Tail	the Earth)

## The Names, Characters, and Significations of the Aspects.

♂ Conjunction when Planets are in one Sign and Degree.	♂ Opposition is 6 Signs dist.
* Sextile when 2 Signs dist.	♊ Trine when 4 Signs dist.
□ Quartile is 3 Signs dist.	

## Upon the Twelve SIGNS.

- ♈ The Head and Face the *Ram* doth rule,
- ♉ The *Bull* claims Neck and Throat,
- ♊ The Arms and Shoulders fall to th' *Twins*,
- ♋ The *Crab* for the Breast doth vote :
- ♌ The *Lion* governs Heart and Back,
- ♍ The *Maid* for the Bowels calls,
- ♎ The *Ballance* tries both Reins and Loins,
- ♏ Secrets to the *Scorpion* falls ;
- ♐ The *Shooting Horse* sways both the Thighs,
- ♑ The Knees the *Goat* doth greet ;
- ♒ The *Water-Bearer* owns the Legs,
- ♓ And the *Fishes* guide the Feet.

Note, The glorious Planet *Venus* is a Morning Star until the last Day of *May*; from which Time she is an Evening-Star the rest of the Year. *Jupiter* is an Evening Star to the 12th of *February*, from which Time he is a Morning Star until the 5th of *September*; when he becomes an Evening Star again, and so continues to the Year's End.

The following E P H E M E R I S explain'd.

**J** *January* 6th I find (by the first Column of the Left-hand Page) to be *Friday*; by the second Column it appears that this Day is the *Epiphany*; and guiding my Eye still forward, I find that the Moon rises that Morning, 9 min. past 7; and is South at 36 min. past 10: By the last Column it appears that what we call the 6th Day, is by all such as make use of the *Roman* (or *Gregorian*) Stile, accounted the 17th.

Also against the same Day, towards the Bottom of this Page, I find that the Sun rises 1 min. past 8, and sets at 4: By the following Columns, I find *Saturn* rises that Morning at 37 min. past 2; *Jupiter* sets 39 min. past 6 at Night; *Mars* rises 32 min. past 2; *Venus* 34 min. past 5, and *Mercury* 40 min. past 7, all in the Morning.

Against this same 6th Day of *January*, in the Top of the other Page, I find that Day breaks 51 min. past 5; the length of that Day is 7 hours 59 min. and that Days are increased 42 min. The other five Columns shew that the Latitude of  $\odot$  is 20 deg. 15 min. North;  $\sphericalangle$  0 deg. 56 min. South; of  $\delta$  1 deg. 3 min. North; of  $\eta$  1 deg. 23 min. North; and that of  $\zeta$  1 deg. 28 min. South.

Again looking this same Day somewhat lower down, I find that Moon's Place to be 9 deg. 19 min. of  $\varphi$ , which the foregoing Distich upon the twelve Signs shews to have Dominion over the Knees; her Latitude this Day (as appears by the next Column) is 1 deg. 45 min. South; the Sun's Place is  $\varphi$  27 deg. 38 min. The Place of  $\odot$ ,  $\sphericalangle$  19 deg. and that of  $\sphericalangle$ ,  $\varphi$  26 deg. 21 min. of  $\delta$ ,  $\sphericalangle$  17 deg. 5 min. of  $\eta$ ,  $\varphi$  22 deg. 4 min. and that of  $\zeta$ ,  $\varphi$  16 deg. 56 min. and the Sun's Declination appears by the last Column to be 20 deg. 40 min. South. It appears also by the Columns of *Saturn*, *Mars*, and *Mercury*, that the Moon comes to a Sextile of the first at 15 hours past Noon this Day, to a Sextile also of the second at 12 hours past, and a Conjunction of the last at 14 hours; viz. the  $\ast$  of  $\delta$  at 12 that night, that of  $\odot$  at 3 next Morning, and the Conjunction of  $\zeta$  at 2.

Lastly, at the Bottom of this Page, I find that this 6th Day Clocks and Watches are 10 min. 52 sec. too fast for a good Sun-Dial; and that the true Place of  $\odot$  is  $\varphi$  28 deg. 33 min. The Heliocentric Place of the Earth is  $\varphi$  27 deg. 38 min. that of  $\odot$ , is  $\sphericalangle$  13 deg. 41 min. that of  $\sphericalangle$ , is  $\varphi$  1 deg. 47 min. that of  $\delta$ , is  $\varphi$  12 deg. 15 min. that of  $\eta$ , is  $\varphi$  29 deg. 36 min. and that of  $\zeta$ ,  $\varphi$  23 deg. 44 min.

# January hath XXXI Days.

English Account

Roman Account

New Moon 7 Day, at 7 at Night.

First Quarter 14 Day, 35 minutes past 11 Morning.

Full Moon 22 Day, 19 minutes past Noon.

Last Quarter 30 Day, 35 minutes past Noon.

Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars.	Moon South.	Affects and Weather.				
1 S. aft. Christ.	0 M 5	Circumcision	5 N 54		1			
2 Abellis	2 24	Orion's Belt, 9h. 9m.	6 42	The Fore-part	13			
3 Enochus	3 53	at Night.	7 32	of this Month	14			
4 Seth	5 8		8 32	will in all Pro-	15			
5 Simeon	6 13	Greater Dog, 10 h.	9 33	bability abound	16			
6 Epiphany	7 9	33 m. at Night.	10 36		17			
7 Ernardus	sets		11 41	☉ Eclips. invis.	18			
8 S. aft. Epip.	5 N 26	Some private Con-	0 A 12	(* ♂ ♀ ♀ ♀)	9 2			
9 Basilissa	6 52	trivance of a mischie-	1 38	♂ ♀ * ♀ ♀	10			
10 Agatha	8 28	vous Nature is now in	2 20	* ♀ ♀	11 2			
11 Hugonius	9 57	Agitation, Leagues and	3 18		12			
12 Benedict	11 20	Traces are in Danger	4 7	with Rain or	13 2			
13 Hilari	Morn.	Cambridge Term beg	4 55	Sleet; but not	14			
14 Ox. T. begins	0 44	of being broken; or at	5 46	very cold Wea-	15			
15 S. aft. Epip.	2 3	the best, Ranglings	6 37	ther, the Sea-	16			
16 Marcellus	3 17	and Strife must be ex-	7 26	son considered.	17			
17 Anthonia	4 27	pected amongst great	8 19		18 2			
18 Prisca	5 27	Men.	9 10		19			
19 Fab. and Seb.	6 5		10 2		20			
20 Pr. Wales morn.	6 40	Orion's Foot, 8 hour,	10 50		21			
21 Agnes	7 4	0 m. at Night.	11 40	Now more cold	22			
22 Septuag. Sund.	rises		Morn.	☉ Ap. ♂ ☉ ♀	23			
23 Term begins	5 N 54	Virgin's Spike, 4 h.	0 18	with Frost and	24			
24 Timotheus	7 7	0 m. Morning.	1 0	Snow; even to	25			
25 Conv. St. Paul	8 15		1 41	☐ ♀ ♀	26			
26 Polycarp	9 26	Mischievous Shemes	2 19	the End of the	27			
27 Chrysostom	10 40	are still projecting;	3 0	Month.	28			
28 Flavianus	11 57	would such persons as	3 44	☐ ☉ ♀ * ♀ ♀	29			
29 Sexages. Sund.	Morn.	are more active than	4 29		30			
30 K. C. I. Mart.	1 15	honest learn to be qui-	5 16		31			
31 Saturnus	2 32	et, all might go well.	6 14					
M Sun rises	Sun sets	Saturn rises	Jupiter rises	Mars rises	Venus rises.	Mercur. rises.	Aries South.	A D
6 8 1	4 0	2 M 37	6 N 39	2 M 32	5 M 34	7 M 40	4 0 25	17
12 7 52	4 9	2 12	6 22	2 25	5 46	7 47	3 35 6	23
18 7 42	4 19	1 49	6 6	2 20	5 54	7 49	3 10 19	29
24 7 31	4 30	1 27	5 51	2 15	6 0	sets	2 45 59	4
31 7 17	4 44	1 1	5 32	2 7	6 5	5 N 18	2 18 13	11

[illegible]



# February hath XXVIII Days:

English Account

New Moon 6 Day, 29 minutes past 5 Morning.  
First Quarter 13 Day, 26 minutes past 2 Morning.  
Full Moon 21 Day, 13 minutes past 7 Morning.  
Last Quarter 28 Day, at 12 at Night.

Roman Account

Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars, with Astrolo- gical Observations.	Moon South.	Mutual Aspects and Weather.					
1 Ignatius	3 M 44	Discord amongst	7 M 11	♂ ♀ ☐ ☐ ☐ ☐	12				
2 Purific. B. V.	4 4 <sup>t</sup>	Grandeas, Cousenage,	8 16	☐ ♀	13				
3 Blasius	5 3 <sup>d</sup>	and Fraud, are about	9 17	Lofty Winds,	14				
4 Veronica	6 5	this Time very ram-	10 19	driving Sleet,	15				
5 Quingu. Sund.	6 26	pant.	11 16	☾ Perigee	16				
6 Dorothy	sets		12 10	or Showers of	17				
7 Shrove Tuesd.	7 N 14	Hydra's Heart, 10 h.	1 3	Rain.	18				
8 Ash. Wednesd.	8 46	24 min. at Night.	1 53		19				
9 Apollonia	10 17		2 45		20				
10 Sholaria	11 42	Virgin's Spke, 2 h.	3 36	Now more fair	21				
11 Euphrastus	Morn.	52 min. Morn.	4 27	☐ ☐ ☐	22				
12 S. in Lent	1 3		5 23	☐ ☐ ☐ * ☐ ☐	23				
13 Term ends	2 15		6 15	and frost-like;	24				
14 Valentine	3 22	Scorpion's Heart, 5 h.	7 7	but in all Pro-	25				
15 Ember Week	4 5	36 min. Morn.	7 59	bability very	26				
16 Juliana	4 42		8 48	warm Days.	27				
17 Concordia	5 10	A notable Prelate	9 35		28				
18 Simeon	5 28	or Person in holy Or-	10 18	☐ ☐ ☐	March				
19 S. in Lent	5 45	ders, about this Time,	11 3	☐ ☐ ☐	1				
20 Miltreda	5 57	meets with no small	11 43	☐ ☐ ☐	2				
21 Esaias	rises	honour from his	Morn.	Now Rain, or	3				
22 Pas. Helle bo.	7 N 19	Prince.	0 22	☐ ☐ ☐	4				
23 Polycarp	8 34		1 3	Sleet, with	5				
24 St. Matthias	9 51	Vindimeatrix, 1 ho.	1 46	dark cloudy	6				
25 Victoria	11 9	35 min. Morn.	2 31	Weather.	7				
26 S. in Lent	Morn.		3 19		8				
27 Leander	0 24	Lion's Heart, 10 ho.	4 10	☐ ☐ ☐	9				
28 Romanus	1 40	26 min. at Night.	5 6		10				
					11				
M D	Sun rises.	Sun sets.	Saturn rises.	Jupiter rises.	Mars rises.	Venus rises.	Mercur sets.	Aries South.	R A
6	7 5	4 56	12 N 35	7 M 22	2 M 5	6 M 2	6 N 2	1 54 55	17
12	6 53	5 8	12 11	7 0	1 59	5 59	6 41	1 32 7	23
18	6 40	5 20	11 49	6 50	1 56	5 56	7 13	1 9 32	1
24	6 28	5 33	11 27	6 21	1 51	5 51	7 14	0 47 19	7
28	6 19	5 42	11 12	6 2	1 47	5 46	6 58	0 32 42	11

Planet Account

March 3 4 5 6

10 11

R A

17 23

1 7

11

February 1749. Weaver.										Planets
M D	Day break.	Length of Days	Days increaf.							
6	5 4	9 50	2 33	2 N 21	0 S 57	0 N 47	0 S 9	0 S 52		Latitudes.
12	4 52	10 15	2 57	2 22	0 57	0 43	0 25	0 17		
18	4 40	10 40	3 22	2 23	0 58	0 38	0 40	1 41		
24	4 27	11 5	3 47	2 24	0 58	0 32	0 54	2 56		
28	4 17	11 22	4 4	2 25	0 59	0 28	0 2	3 28		

The Planets Geocentric Motions and Lunar Aspects.

M Moon's D	Moon's Place.	Moon's Lat.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Declin. S.
1	18 49	3 S 21	24 *	0	20 12	2 *	27	2	3	23 58	1	21	13	39			
2	2 V 50	2 15	25 10	1	20 13	2	44	1	37	25 12	3 *	15	13	12			
3	17 25	1 0	26 1	20 *	15	2	56	3	10	26 6	5	1	8	12	52		
4	2 21	0 N 22	27 2	20 5	16	9	10	3 *	44	27 16	40	7	1	12	32		
A 17	31	1 43	28 6	2	20 17	9	25	4	2	18 23	54	8	53	12	11		
6	2 X 45	2 59	29 18	3	20 4	18	3	6	39	4 51	0	8	10	6	44	11	50
7	17 54	3 58	0 X 3	20	19	3	1	54	5	3	24	1 *	22	12	14	34	11 29
8	2 Y 46	4 42	1 4	20	42	0 4	8	5	57	2 24	36	14	29	11	7		
9	17 12	5 6	2 4	20	20	4 23	6	6	30	3	50	16	10	10	47		
10	1 19	5 11	3 *	4	20 21	4 *	37	7	2	5 1	17	54	10	24			
11	14 52	4 57	4 3	5	20 8	21	4	6	52	7 35	6	7	18	19	35	10	2
A 17	56	4 29	5 1	5	20 10	22	5	6	8	8 7	7	7	32	21	10	10	9 40
13	10 37	3 49	6 15	5	20 22	5	14	21	8	20	39	8	20	4	22	40	9 18
14	22 57	2 58	7 5	5	20 23	5	35	9	12	10	0	24	1	7	8	56	
15	5 32	1 18	8	6	20 23	5	50	9	44	11	40	25	3	33	8	33	
16	16 58	0 59	9 7	6	20 23	6	2	4	10	16	12	28	16	5	6	10	
17	28 47	0 S 5	10 6	6	20 7	24	6	29	10	48	13	42	28	12	7	47	
18	10 33	1 9	11 6	6	20 24	6	33	11	20	14	8	56	29	24	7	25	
A 22	20 2	9 12	6 20	10	29 6	48	11	2	51	16	10	10	0	17	7	2	
20	4 12	3 4	13 8	6	20 23	7	8	2	12	23	17	24	1	4	6	39	
21	16 12	3 49	14 19	6	20 *	22	7	6	17	12	17	55	18	38	1	45	6 16
22	28 14	4 27	15 6	20	8	22	7	31	13	26	19	52	2	8	16	5	59
23	10 29	4 54	16 6	20	21	7	45	13	57	21	6	2	8	42	5	30	
24	22 53	5 6	17 6	20	20	7	59	24	7	28	22	32	0	3	2	5	6
25	5 30	5 3	18 6	20	19	8	14	14	59	23	34	3	10	4	43		
A 18	16 4	47 19	19 6	20	18	8	5	28	15	30	24	48	R	9	4	19	
27	1 22	4 13	20 2	5	20 4	17	8	42	16	0	26	12	2	3	0	3	56
28	14 41	3 26	21 5	5	20 16	8	13	57	16	6	31	27	16	2	3	43	33

Clock too fast.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Heliocentric Motions.
6 14	31	28	13	29	3	14	38	4	34	26	43	19	1	18	19
12 13	48	28	0	5	14	50	5	6	29	35	28	31	23	19	
18 12	43	27	44	11	6	15	1	5	38	2	19	8	1	8	
24 11	20	27	22	17	6	15	12	6	11	5	24	17	29	6	42
28 10	17	27	6	21	5	15	19	6	33	7	21	23	47	27	36

# March hath XXXI Days.

English Account

Roman Account

New Moon 7 Day, 29 minutes past 3 Afternoon.  
 First Quarter 14 Day, 32 minutes past 7 at Night.  
 Full Moon 22 Day, 53 minutes past 11 at Night.  
 Last Quarter 30 Day, 24 minutes past 8 Morning.

Saints Days and Terms.	Moon rises.	The Setting of Fixed Stars.	Moon South.	Aspect and Weather.				
1 David	2M44		6M 6	Cloudy, with	12			
2 Chaddus	3 33	Algoreb 12 h. 23 m.	7 6	foggy Mists, or	13			
3 Mauritius	4 10	at Night.	8 6	drizzling Rain.	14			
4 Lucius	4 34		9 4		15			
5 S. in Lent	4 56	North Balance, 3 h.	10 0		16			
6 Marcian	5 12	16 m. Morning.	10 51	☉ ☿	17			
7 Perpetua	sets		11 44		18			
8 Felix	7N47	About this Time	0A 34		19			
9 Prudentia	9 13	expect to hear of an	1 29	Fair and frosty	20			
10 Agapetus	10 44	eminent Marriage.	2 22		21			
11 Forty Martyrs	Morn.		3 15	☉ ☿	22			
12 S. in Lent	0 3	But on the other	4 11	with brisk	23			
13 Wingamus	1 14	hand malicious scrib-	5 6	☉ ☿	24			
14 Pr. Ed. Aug. b.	2 6	ling, and lying reports,	6 1	Gales of	25			
15 Aristobulus	2 46	☉.	6 51	Wind.	26			
16 Cyriacus	3 18		7 41		27			
17 Sam. & Esdr.	3 42	Let Matters with	8 25	Windy still,	28			
18 Ox. Term ends	3 56	their Plots come all to	9 7	☉ ☿ ☿	29			
19 Palm Sunday	4 11	naught.	9 49	☉ ☿ for	30			
20 Joachim	4 23	And they their Ruin	10 28	☉ ☿ for	31			
21 Benedictus	4 37	find that ours fought.	11 9	with Store of				
22 Paulus	rises		11 52	Downfall.				
23 Victorin	7N45	South Ballance, 1 h.	Morn.		3			
24 Good Friday	9 4	40 m. Morning.	0 35		4			
25 Annunc. B. V.	10 26		1 24	No great Al-	5			
26 Easter Day	11 39		2 15	☉ ☿	6			
27 Martian	Morn.	☉ with Cor. 17.	3 10	teration, but	7			
28 Rupert	0 47		4 9	frequent Show-	8			
29 Cyrillus	1 40	Virgin's Spike, 11 h.	5 7	e s to the End.	9			
30 Guido	2 18	54 min. at Night.	6 6		10			
31 Adelinus	2 47		7 3		11			
M. Sun	Sun	Saturn	Jupiter	Mars	Venus	Mercur	Aries	R
D. rises	sets	rises	rises	rises	rises	rises	South.	A
6 6 7	5 54	10N42	5M47	1M42	5M38	5M48	0 10 46	17
12 5 54	6 7	10 15	5 24	1 32	5 25	5 22	23 45 24	23
18 5 41	6 20	9 51	5 5	1 24	5 18	5 5	23 23 42	29
24 5 29	6 32	9 28	4 45	1 13	5 8	4 53	23 1 56	4
31 5 15	6 46	9 1	4 29	1 5	4 56	4 42	22 36 21	11

M D		Day break.	Length of Days	Days increaf.	March 1749.										Weaver	
6	4	4	11 47	4 30	2N26	0S59	0N21	1S12	3N25	Planets Latitudes.						
12	3	49	12 13	4 5	2 27	0 59	0 13	1 20	2 22							
18	3	3	12 38	5 2	2 28	1 0	0 14	1 27	0 53							
24	3	17	13 3	5 46	2 29	1 1	0S5	1 30	0S39							
31	3	0	13 32	6 14	2 30	1 2	0 18	1 30	1 4							
M D	Moon's Place.		Moon's Lat.		☉	☿	♂	♂	♂	♂	♂	♂	♂	♂	♂	Declin. S.
1	18	18	2S27	2212 5	10 13	9*11	17 3 2	28*30	2□17	3 9						
2	12	14	1 18	23* 6	20*13	91226	17 32	29 0 44	17 47	2 45						
3	26	31	0 2	2420 4	201312	9 40	18 3	0*59	1* 7	2 21						
4	11	7	1N 15	25 4	20□10	9 54	18*34	2 13	0 7 24	1 57						
A	25	58	2 29	26 4	015 9	108 9	1912 5	36 27	19*36	1 34						
6	10	58	3 32	27 3	20△ 7	102323	19□35	41341	28 44	1 11						
7	25	58	4 21	28 3	2015 5	10 37	2014 4	5 55	17 49	0 47						
8	10	47	4 52	29 4 3	20 4	10 51	20△32	7 29	26 3 56	0 23						
9	25	20	5 2	0 2	20 2	11 6	2117 0	8 23	25 12	0N 1						
10	9	26	4 55	1 1	208 0	11*20	21 28	9*37	25 4	0 24						
11	23	6	4 30	2* 1	191958	11 3 34	21 56	109 51	24*22	0 48						
A	6	19	3 54	317 0	19 55	11□48	22 24	12□ 5	23 2 33	1 12						
13	19	1	3 1	3 59	19 53	1211 2	22 8 51	131219	22□49	1 35						
14	18	28	2 5	4□59	19 50	12△16	23 18	14 33	22 7 13	1 59						
15	13	30	1 4	58 58	19△48	122230	23 45	15△47	21 40	2 23						
16	25	24	0 1	6 57	191345	12 43	24 12	17 5 1	211616	2 46						
17	7	13	1 S 1	7△56	19 42	12 57	24 39	18 15	20 56	3 10						
18	19	2	2 1	8 2 56	19□39	13 11	25△ 6	19 29	20 39	3 33						
A	10	50	2 54	9 56	19 136	13 25	251334	20 43	20 25	3 56						
20	12	47	3 43	10 54	19*33	138 38	26 1	218 57	208 15	4 19						
21	24	52	4 19	11 53	191330	13 2 52	26□28	2320 1	215 17	4 42						
22	7	9	4 45	128 52	19 27	14 6	26 3 55	24 2	20 21	5 5						
23	19	38	4 58	131251	19 24	14 19	27*22	25 39	20 29	5 28						
24	2	18	4 57	14 50	19 21	14△33	271549	26 53	20 44	5 51						
25	15	15	4 41	15 49	196 17	142346	28 15	28 7	21△ 4	6 14						
A	28	21	4 10	16 48	197 14	14 59	28 40	20△20	211133	6 37						
27	11	37	3 24	17△47	19 11	15□12	29 5	23 34	22□ 3	7 0						
28	25	6	2 27	181245	19 7	15 6 25	298 29	1□48	221935	7 22						
29	8	47	1 21	19□44	19* 4	15*38	298 53	313 2	23 11	7 45						
30	22	38	0 9	202043	1918 0	151251	0 17	4*16	23*52	8 7						
31	6	43	1N 5	21 42	18□56	16 4	0 41	52230	242039	8 29						
M D	Watch too fast		☉	☿	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Helioentrick Apects.
6	8	34	26 38	27 0	15 30	7 6	10 19	3 16	24 22							
12	6	44	26 6	3 0	15 41	7 38	13 18	12 45	16 39							
18	4	51	25 32	9 56	15 53	8 11	16 20	22 14	51159							
24	3	1	24 55	14 50	16 4	8 44	19 22	1*44	23 34							
31	0	59	24 10	21 42	16 17	9 20	22 58	12 50	12 49							

# April hath XXX Days.

English Account

Roman Account

New Moon 6 Day, 19 minutes past 1 Morning.  
 First Quarter 13 Day, 4 minutes past 2 Afternoon.  
 Full Moon 21 Day, 25 minutes past 1 Afternoon.  
 Last Quarter 28 Day, 24 minutes past 2 Afternoon.

Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars.	Moon South.	Affects and Weather.	
1 All Fools	3M 8		7M 59		12
A Low Sunday	3 26	Lion's Tail, 10 hour	8 52	☾ Perigee	P
3 Richard B.	3 42	4 min. at Night.	9 42	This Month	14
4 Ambrose	3 57		10 33	begins as the	15
5 Ox. & C. T. fe	4 12	Arcturus, 12 hour,	11 23	last ended	16
6 Irene	sets	20 min. at Night.	0A 16	with brisk	17
7 Barnacus	9N 44		1 10	Winds, and	18
8 Dionysius	11 1	The Trine of Sa-	2 6	Store of	19
A 2 S. aft. Easter	Morn.	turn and Jupiter, and	3 3	☐ ☉ ☽	
10 Apollonius	0 3	that of the Sun, and	3 56	☐ ☽ ☽	21
11 Leo	0 50	Mars, are very noble	4 50	☐ ☽ ☽	22
12 Term begins	1 25	Configurations, pro-	5 41	Wet.	23
13 Hermenegist	1 52	misgiving much Amity	6 25		24
14 Tibartius	2 11	and Concord amongst	7 10	☐ ☉ ☽	25
15 D. of Cumb. bo	2 25	all Degrees of Man-	7 51	☐ Apogee	26
A 3 S. aft. Easter	2 39	kind; but more espe-	8 32		
17 Amcestus	2 52	cially amongst those	9 14	Now more	28
18 Valerian	3 3	of the highest Class.	9 75	fair with plea-	29
19 Alphege	3 15		10 40	fant warm	30
20 Sulpitius	3 30	What Strife and Woe	11 26	springing	
21 Anselmus	rises.	on Earth appears,	Morn.	Weather.	
22 Salerius	9N 19	Springs from the Dis-	0 17		3
A 4 S. aft. Easter	10 32	cord in the Spheres:	1 9		5
24 Saba	11 40	And when the Stars in	2 10	Cloudy with	
25 St. Mark	Morn.	Concord move,	3 9	cold Rain to	6
26 Clerus	0 22	On Earth we've A-	4 8	☐ ☉ ☽	7
27 Walburga	0 55	mity and Love.	5 5	☐ ☉ ☽	8
28 Vitalis	1 19		6 59	☐ Perigee	9
29 Tychicus	1 36	South Ballance, 11 h.	6 50	the Month's	10
A Rega Gen 3m 6	1 51	22 min. at Night.	7 42	End.	

M D	Sun rises	Sun sets	Saturn rises	Jupiter rises	Mars rises.	Venus rises	Mercur rises	Aries South	R A
6	5 3	6 58	8 M 47	4M 5	12 N 53	4M 49	4M 35	22 24 24	17
12	4 51	7 10	8 21	3 45	12 41	4 38	4 26	21 51 37	23
18	4 39	7 22	7 57	3 25	12 29	4 27	4 17	21 29 22	29
24	4 28	7 33	7 32	3 4	12 14	4 17	4 8	21 6 28	5
30	4 18	7 43	7 7	2 49	11 55	4 7	3 59	20 43 8	11



Roman Account  
12  
14  
16  
17  
18  
19  
21  
22  
23  
24  
25  
26  
28  
29  
30  
31  
R  
A  
17  
23  
29  
5  
11

M. Day		Length Days		Days		April 1749.										Weaver.	
D	break.	of	Days	increaf.													
6	2 40	13 56	6 42	2 N 30	1 5 3	0 S 31	1 5 28	2 S 33									
12	2 19	14 20	7 2	2 31	1 4 0	4 5	1 24	2 48									
18	1 55	14 42	7 25	2 31	1 5 1	1 18	1 18	2 44									
24	1 30	15 4	7 47	2 30	1 6 1	1 18	1 102	19									
30	0 57	15 25	8 8	2 30	1 7 1	1 37	1 0	2 36									
M. Moon's		Moon's		☉		☿		♂		♀		♂		♀		♂	
D	Place.	Lat.															
1	21 0	2 N 16	22 40	18 20 52	16 17	1 4	6 44	25 29	8 50								
A	5 29	3 19	23 39	18 49	16 30	11 27	7 58	26 20	9 12								
3	20 4	4 9	24 38	18 20 45	16 18 44	1 49	9 12	27 15	9 34								
4	4 4	4 43	25 36	18 41	16 57	22 012	10 26	28 13 12	9 55								
5	19 12	4 59	26 15	18 37	17 10	2 35	11 10 40	29 13	10 17								
6	3 30	4 55	27 13 33	18 33	17 23	22 357	12 54	0 18	10 37								
7	17 28	4 34	28 32	18 29	17 35	3 18 14	8 1	24 10	58								
8	1 11	3 57	29 30	18 25	17 0 48	3 39 15	21	2 33	11 19								
A	14 13	3 9	0 49	18 21	18 1	3 59 16	35	3 34 5	11 39								
10	26 58	2 12	1 27	18 16	18 7 14	4 8 19	17 5 49	4 59	12 0								
11	9 23	1 11	2 26	18 12	18 26	4 53 9	19 3	6 17 15	12 20								
12	21 37	0 7	3 24	18 17	18 18 38	4 59 20	21 17	7 33	12 40								
13	3 27	0 S 56	4 22	18 3	18 50	5 18 21	31	8 52	12 59								
14	15 17	1 55	5 21	17 59	19 2	5 36 22	44	10 12 15	13 19								
15	27 7	2 52	6 19	17 55	19 14	5 54 23	17 58	11 40	13 39								
A	9 0	3 38	7 20 17	17 51	19 26	6 18 11	25 12	13 6	13 58								
17	21 1	4 17	8 15	17 18 46	19 21 38	6 28 26	26 14	33 14	17								
18	3 14	4 44	9 13	17 42	19 50	6 44 27	40 16	4 14	36								
19	15 42	4 59	10 11	17 38	20 1	7 7 0 28	54 17 8	37 14	54								
20	28 26	4 59	11 10	17 33	20 13	7 16 8 8	19 4 11	15 12									
21	11 26	4 44	12 8 8	17 29	20 25	7 17 31	1 5 21	20 48	15 30								
22	24 41	4 14	13 1 6	17 11 24	20 17 36	7 46 2 35	22 26 15	48									
A	8 9	3 29	14 4	17 19	20 48	8 1 3 49	24 6 16	5									
24	21 49	2 31	15 2	17 15	20 25 9	8 15 5 3	25 49	16 22									
25	5 37	1 23	16 0	17 10	21 10	8 27 6 17	27 8 33	16 39									
26	19 33	0 16	16 19 58	17 20 6	21 21	8 53 8	7 1 31	29 21	16 56								
27	3 33	1 N 9	17 56	17 12 1	21 33 2	8 48 8 44	1 19 9	17 13									
28	17 36	2 14	18 53	16 23 57	21 43	8 58 9 10 58	2 59	17 29									
29	1 46	3 18	19 2 51	16 52 21	54	9 24 11 12	4 51	17 44									
A	15 58	4 8	20 49	16 48	22 5	9 13 16	12 17 26	6 6 45	17 59								
Clock too flow.		☉		☿		♂		♀		♂		♀		♂		♀	
6	0 34	23 31	27 33	16 28	9 54	26 5	22 22	29 24									
12	1 52	22 54	3 24	16 39	10 27	29 13	1 55	16 48									
18	2 54	22 17	9 18	16 50	10 59	2 24 11	29 5 38										
24	3 37	21 44	15 2	17 11	11 32	5 37 21	3 27 22										
30	3 59	21 13	20 49	17 12	12 5	8 52	0 38 23 13										

Latitudes. Planets  
Declin. N.  
Helio centric Motions.

# May hath XXXI Days.

New Moon 5 Day, 32 minutes past 11 Morning.  
 First Quarter 18 Day, 19 minutes past 8 Morning.  
 Full Moon 20 Day, 8 minutes past 12 at Night.  
 Last Quarter 27 Day, 11 minutes past 7 Afternoon,

English Account

Roman Account.

Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars.	Moon. South.	Aspects and Weather.					
1 St. Phil. & Jac.	2 M 4	The Aspects of this	8 M 30	* ☉ ♃ Δ ☿	12				
2 Athanasius	2 20	Month are very oppo-	9 18	This Month	13				
3 Diodorus	2 38	site and contradictory	10 9	☿ ♃ ☿	14				
4 Ascension Day	2 58	to each other, whence	11 2	☿ ♃ ☿	15				
5 Gothardus	sets.	great Variety of Trans-	11 57	begins with	16				
6 John Por. Lat.	9 N 50	actions may be expect-	0 A 53	☿ ♃ ☿	17				
7 S. aft. Ascens.	10 43	ed in Mundane Affairs,	1 48	very dragley	18				
8 Terms End	11 25	particularly such as	2 43	* ♃ ☿	19				
9 Gregor. Naz.	11 54	pertain to the Female	3 33	* ♃ ☿	20				
10 Gordianus	Morn.	Sex, and to the Mer-	4 21	Weather ;	21				
11 Ox. Term ends.	0 10	cantile Class of Man.	5 6	but	22				
12 Pancratia	0 36		5 48	☿ Ap. ☿ ☿	23				
13 Glicaria	0 48		6 29	pretty warm.	24				
14 Whitsunday	0 59	Serpent's Head, 1 h.	7 8		25				
15 Forquet	1 10	12 min. Morning.	7 49		26				
16 Ubaldus	1 21		8 32		27				
17 Ember Weeks	1 34	Serpent's Neck, 11 h.	9 16		28				
18 Diascorus	1 51	5 m. at Night.	10 6	Somewhat	29				
19 Dunstan	2 17		11 2	* ♃ ☿ serē	30				
20 Dr. Oats	2 44	Shining Harp, 1 h.	11 58	more fair,	31				
21 Trinity Sund.	rises.	52 m. Morning.	Morn.	with brisk					
22 Juliana	10 N 19		0 58	Gales of	June 1				
23 Desideria	10 56		1 58	☉ ♃ ☿	2				
24 Pr. Geo. born	11 22	Oxford Term begins.	2 57	Wind.	3				
25 Urbanus	11 42	Clerks and Account-	3 54	Periges.	4				
26 Term begins	11 56	ants, about this Time,	4 46		5				
27 Bede	Morn.	meet great Disappoint-	5 38	Windy still,	6				
28 S. aft. Trin	0 12	ments.	6 26	but mostly	7				
29 K. Ch. II. rest	0 25		7 12	fair.	8				
30 Pa. An. & C. b.	0 43	Bright * and Vulture	8 3	☿ ♃ ☿	9				
31 Petronella	0 59	2 h. 21 m. Morn.	8 54	☿ ☿	10				
M	Sun rises	Sun sets	Saturn rises	Jupiter rises	Mars rises	Venus rises	Mercur. sets	Aries South.	R
D	4 8	7 53	4 M 3	2 M 22	11 N 41	3 M 58	7 N 5	20 19 30	17
12	4 c	8 4	3 38	1 59	11 21	3 50	8 1	19 55 36	18
18	3 53	8 8	3 13	1 37	11 0	3 45	8 54	19 31 21	19
24	3 47	8 14	2 48	1 14	10 39	3 41	9 37	19 7 17	20
31	3 41	8 19	2 17	0 45	10 10	3 38	10 0	18 33 1	21

Roman Account.

12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31

M D		Length of Days	Days increaf.	May 1749.										Weaver.	
6		15 44	8 27	2 N 30	1 S 91	1 S 59	0 S 48	0 S 39	Planets Latitudes.		Declin.				
12 No real		16 1	8 4	2 30	1 10	2 22	0 35	0 N 24							
18		16 15	8 58	2 20	1 11	2 46	0 22	1 20							
24 Night.		16 27	9 17	2 28	1 13	3 12	0 5	1 54							
31		16 37	9 2	2 26	1 15	3 42	0 N 14	2 2							
M D		Moon's Place.	Moon's Lat.	☉	☽	♂	♂	♂	♀	♂	♀	♂	♀	☉	N.
1		0 ♀ 14	4 N 44	21 9 47	16 14 3	22 11 15	9 □ 26	13 40	8 39	18 14					
2		14 21	5 2	22 4	16 39	22 25	9 13 36	14 54	10 36	18 30					
3		28 26	5 2	23 42	16 34	22 36	9 △ 45	16 8	12 36	18 44					
4		12 18	4 44	24 40	16 8 30	22 * 46	9 20 55	17 6 21	14 6 38	18 58					
5		25 5	4 10	25 22 38	16 7 25	22 13 6	10 4	18 10 35	16 5 42	19 15					
6		9 14	3 23	25 3	16 21	23 9	10 15	19 48	18 48	19 26					
A 22		13 2	26 27	3	16 17	23 □ 16	10 19	21 2	20 55	19 39					
8		4 53	1 23	23 3	6 △ 13	23 2 25	10 8 23	22 16	23 3	19 52					
9		17 15	0 17	20 20	16 21 8	23 △ 35	10 11 26	23 * 29	25 * 12	20 4					
10		29 23	0 S 47	22 * 26	16 4	23 13 45	10 30	24 14 43	27 19 22	20 15					
11		11 19	1 49	1 2 24	15 □ 9	23 54	10 33	25 57	29 33	20 29					
12		23 10	2 46	2 □ 21	15 9 5	24 4	10 35	27 □ 11	1 □ 45	20 40					
13		5 1	3 36	3 20 19	15 * 51	24 13	10 △ 36	28 2	3 21 56	20 52					
A 16		55 4	17 4	1 22 47	15 22 47	24 8 22	10 11 37	29 38	6 8	21 2					
15		28 59	4 47	5 △ 1	15 43	24 15 31	10 11 37	29 38	6 8	21 2					
16		11 16	5 5	6 13 12	15 39	24 40	10 23 30	24 6	10 22 32	21 23					
17		23 5	5 8	7 9	15 35	24 49	10 34	3 19	12 42	21 33					
18		6 14	4 56	8 7	15 31	24 58	10 * 32	4 33	14 52	21 42					
19		19 59	4 29	9 4	15 16 27	25 △ 6	10 7 29	5 47	17 1	21 51					
20		3 32	3 4	10 8	15 23	25 9 14	10 25	7 8	19 8	22 0					
A 17		23 2	2 47	10 12 59	15 19	25 □ 23	10 20	8 7 14	21 8 12	22 8					
22		1 28	1 38	11 5	15 * 16	25 14 31	10 16	9 28	23 8 15	22 16					
23		15 41	0 22	12 5	15 23 12	25 * 39	10 15 11	10 41	25 16	22 24					
24		0 1	0 N 5	13 5	15 8	25 17 47	10 4	11 △ 55	27 16	22 31					
25		14 20	2 5	14 △ 4	15 □ 4	25 54	9 5	13 22 9	29 14	22 38					
26		28 38	3 16	15 1 15	15 1 1	26 1	9 * 47	14 2	1 △ 7	22 44					
27		12 50	4 9	16 □ 4	14 △ 57	26 9	9 19 38	15 □ 39	2 5 57	22 49					
A 26		56 4	48 17	7 40	14 4 53	26 23 15	9 □ 28	16 5 52	4 □ 46	22 55					
29		10 57	5 9	18 * 37	14 50	26 23	9 21 18	18 * 5	6 15 34	23 0					
30		24 44	5 11	19 14 35	14 57	26 30	9 7	19 14 18	8 22	23 4					
31		8 22	4 58	20 35	14 8 44	26 37	8 △ 56	20 31	10 * 9	23 9					
		Watch too flow	☽	☽	♂	♂	♂	♀	♂	♀					
17		4 1	20 47	26 36	17 23	12 37	12 9	10 16	23 59	Helicentric Apfels.					
23		3 44	20 24	27 2	17 35	13 10	15 28	19 54	29 44						
29		3 6	20 5	8 7	17 46	13 43	18 48	29 33	7 26						
4		2 13	20 50	13 53	17 57	14 15	22 12	9 13	12 20						
11		0 56	20 38	20 32	18 10	14 53	26 11	20 31	16 9						

# June hath XXX Days.

New Moon 3 Day, 7 min. past 11 at Night.  
 First Quarter 12 Day, 8 min. past 1 Morning.  
 Full Moon 19 Day, 56 min. past 8 Morning.  
 Last Quarter 25 Day, 9 min. past 12 at Night.

English Account

Roman Account

	Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars.	Moon South.	Aspects and Weather.
1	Nicomede	1 M 20		9 M 47	
2	Eraſmus	1 54	Serpent's Head, 11 h.	10 41	△ h ♀
3	Pauli	sets	41 min. at Night.	11 35	Fair
4	2 S. aft. Trin.	9 N 20		0 A 29	and hot.
5	Boniface	9 50	The Quartile of Ju-	1 22	□ ♀ ♀
6	Norbertus	10 14	piter to the Sun and	2 10	about this
7	Flavia	10 32	Venus, ſtirs up Reli-	3 0	☾ ♀
8	Medardus	10 47	gious Conteſts, and	3 39	☾ Apogee
9	Omphirius	10 58	brings Uneaſineſs and	4 19	Time.
10	Cetulus	11 10	Diſappointment to a	4 59	Frequent
11	3 S. aft. Trin.	11 21	St. Barnabas	5 40	K. C. Inaug.
12	Bafilides	11 34	Lady of great Note.	6 20	△ ♀ ♀ ♀ ♀
13	Cyrillus	11 48		7 2	Showers now
14	Term ends	Morn.		7 50	about.
15	K. Ge. II. procl	0 7	Shining Harp, 2 h.	8 40	☾ ☉ ☽
16	Rufandus	0 34	0 min. at Night.	9 3	Very hot, but
17	Alban	1 13		10 36	not without
18	4 S. aft. Trin.	2 5	Serpent's Head, 10 h.	11 38	(△ h ♀
19	Gervafius	rises	44 m. at Night.	Morn.	☾ Eclip. inviſ
20	Edward	9 N 19		0 39	Some Showers
21	Demetrius	9 43	The Councils of di-	1 36	of Rain.
22	Paulinus	10 0	verſe Nations are now	2 32	☾ Perigee
23	Agrippina	10 14	at Work, and it is	3 24	Clowdy and
24	St. John Bapt	10 29	hoped to a good End.	4 16	☾ ☉
25	5 S. aft. Trin.	10 45	The Trine of the	5 6	more cool.
26	John. & Paul.	11 0	Sun and Saturn may	5 54	perhaps ſorce
27	Levinus	11 22	advance ſome grave	6 4	Showers of
28	Leo	11 52	Senator, but his Pre-	7 38	Rain.
29	St. Pet. & Pau	Morn.	ſerment comes on but	8 20	
30	Converſ. Pauli	0 28	ſlowly.	9 24	

M	Sun rises	Sun ſets	Saturn ſets	Jupiter rises	Mars rises	Venus ſets	Mercur. ſets	Aries South
6	3 39	8 21	1 M 17	12 N 18	9 N 40	8 N 25	9 N 35	18 13 13
12	3 39	8 21	0 52	11 53	9 8	8 38	9 40	17 47 17
18	3 40	8 20	0 27	11 30	sets	8 44	9 38	17 23 29
24	3 44	8 16	0 6	11 6	2 9	8 45	9 14	16 58 47
30	3 49	8 11	11 N 34	10 52	1 36	8 43	8 42	16 38 16

Clock  
fast

6	0
12	1
18	2
24	3
30	4



M D		Length of Days	Days increaf.	June 1749.																Weaver.	
				2 N 25		1 S 6		4 S 7		0 N 25		1 N 38								Planets	Latitudes.
6		16 42	9 24	2 24	1 18	4 29	0 38	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	
12	All	16 42	decreaf.	2 24	1 18	4 29	0 38	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	0 55	
18	Twilight.	16 39	0 4	2 23	1 20	4 49	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	0 50	
24		16 32	0 11	2 21	1 22	5 2	1 0	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	1 31	
30		16 22	0 20	2 29	1 24	5 10	1 10	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	2 58	
Moon's Place.		Moon's Lat.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	☉	☿	♈	♉	♊
1	21 49	4 N 25	21 29	14 14	26 43	8 44	21 45	11 45	23 13	23 13	23 13	23 13	23 13	23 13	23 13	23 13	23 13	23 13	23 13	23 13	
2	5 11	3 41	22 26	14 38	26 9 49	8 31	22 59	13 26	23 16	23 16	23 16	23 16	23 16	23 16	23 16	23 16	23 16	23 16	23 16	23 16	
3	17 58	2 44	23 24	14 35	26 16 30	8 17	24 12	14 59	23 19	23 19	23 19	23 19	23 19	23 19	23 19	23 19	23 19	23 19	23 19	23 19	
A	0 39	1 42	24 11 21	14 32	27 17 2	8 3	25 13 26	16 29	23 22	23 22	23 22	23 22	23 22	23 22	23 22	23 22	23 22	23 22	23 22	23 22	
5	13 10	0 35	25 18	14 29	27 8	7 14	26 40	17 56	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	
6	25 24	0 S 32	26 15	14 3 26	27 14 10	7 34	27 54	19 11 20	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	
7	7 24	1 37	27 13	14 24	27 4 19	7 18	29 7 20	43 23	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	
8	19 19	2 37	28 10	14 14 21	27 24	7 2	30 21 22	43 23	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	
9	1 9	3 30	29 19 7	14 18	27 30	6 45	31 35 23	26 23	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	
10	13 0	4 13	30 4	14 15	27 35	6 11	32 49 24	46 23	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	
A	24 55	4 47	1 13 29	14 3 13	27 40	6 11	4 2 26	6 23	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	23 29	
12	6 59	5 8	11 3 29	14 11	27 6 45	5 22	54 20 16	27 3 18	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	23 28	
13	19 16	5 16	2 56	14 9	27 49	5 36	6 30 28	27 23	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	23 27	
14	1 50	5 9	3 53	14 6 7	27 58	5 18	7 44 29	19 33	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	23 26	
15	14 46	4 55	4 4 50	14 23 5	27 58	5 0	8 12 57	20 35	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	23 24	
16	28 5	4 7	5 47	14 3	28 24 2	4 43	10 11 1	33 23	23 21	23 21	23 21	23 21	23 21	23 21	23 21	23 21	23 21	23 21	23 21	23 21	
17	11 50	3 11	6 45	14 1	28 6	4 25	11 25 27	32 23	23 18	23 18	23 18	23 18	23 18	23 18	23 18	23 18	23 18	23 18	23 18	23 18	
A	25 56	2 7	7 42	13 59	28 10	4 6 7	12 39 3	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	23 15	
19	10 21	0 49	8 21 39	13 58	28 4 11	3 13	13 53 4	53 23	23 12	23 12	23 12	23 12	23 12	23 12	23 12	23 12	23 12	23 12	23 12	23 12	
20	24 59	0 N 31	9 36	13 6 56	28 13	3 31	15 6 7	48 58	23 8	23 8	23 8	23 8	23 8	23 8	23 8	23 8	23 8	23 8	23 8	23 8	
21	9 46	1 50	10 33	13 54	28 5 17	3 14	16 20 51	74 23	4	4	4	4	4	4	4	4	4	4	4	4	
22	24 38	3 4	11 3	13 53	28 20	2 56	17 34 6	20 22	59	59	59	59	59	59	59	59	59	59	59	59	
23	9 8	4 3	12 1	13 51	28 26	2 32	18 48 6	54 22	54	54	54	54	54	54	54	54	54	54	54	54	
24	23 34	4 46	13 6 25	13 8 50	28 29	2 20	20 18 2	7 24	48	48	48	48	48	48	48	48	48	48	48	48	
A	7 46	5 11	14 22	13 49	28 31	2 15	21 15 7	50 22	41	41	41	41	41	41	41	41	41	41	41	41	
26	21 41	5 17	15 12 19	13 4 8	28 36	1 47	22 29 8	12 22	36	36	36	36	36	36	36	36	36	36	36	36	
27	5 19	5 6	16 16	13 8 47	28 35	1 9	23 24 3	20 22	29	29	29	29	29	29	29	29	29	29	29	29	
28	18 40	4 37	17 21 14	13 54 7	28 36	1 15	24 56 8	6 42	22	22	22	22	22	22	22	22	22	22	22	22	
29	1 45	3 55	18 12	13 46	28 38	1 0	26 13 10	8 53	14	14	14	14	14	14	14	14	14	14	14	14	
30	14 35	3 3	19 8	13 45	28 40	0 46	27 24 8	13 54	7	7	7	7	7	7	7	7	7	7	7	7	
Clock too fast.		☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Heliocentrick Motions.					
6	0 18	19 31	26 15	18 21	15 2	23 38	0 13	9 44	9 44	9 44	9 44	9 44	9 44	9 44	9 44						
12	1 36	19 27	17 59	18 32	15 59	3 8	9 56	29 52	29 52	29 52	29 52	29 52	29 52	29 52	29 52						
18	2 51	19 24	7 42	18 43	16 32	6 39	19 40	17 51	17 51	17 51	17 51	17 51	17 51	17 51	17 51						
24	3 57	19 23	13 25	18 54	17 4	10 12	29 25	4 40	4 40	4 40	4 40	4 40	4 40	4 40	4 40						
30	4 53	19 23	19 8	19 5	17 37	13 48	9 10	21 9	21 9	21 9	21 9	21 9	21 9	21 9	21 9						



# July hath XXXI Days.

English Account

New Moon 3 Day, 25 minutes past Noon.  
 First Quarter 11 Day, 15 minutes past 4 Afternoon.  
 Full Moon 18 Day, 39 minutes past 4 Afternoon.  
 Last Quarter 25 Day, 5 minutes past 7 Morning.

Roman Account

Saints Days and Terms.	Moon rises.	The Southing of Fixed Stars.	Moon South.	Affects and Weather.
1 Rumoldus	1M 18		10 16	△ V Y
A 2 S. aft. Trin.	2 17	Shining Harp, 10 h.	11 8	Fair and hot.
3 Tryphon		51 min. at Night.	11 59	⊙ Eclipse inv.
4 Cana Comm.	8N 34		10A 46	
5 Aniel n	8 49	Serpent's Head, 9 h.	1 30	☿ Agones
6 Sixtus	9 2	34 min. at Night.	2 11	Flying Show-
7 Tho. Becket	9 14		2 53	ers. ☿ ♀ ♀
8 Procopius	9 26	Mouth of Pegasus, 1h.	3 30	Very hot, with
A 7 S. aft. Trin.	9 37	18 m. Morning.	4 12	Claps of
10 Oxf. Act. be.	9 50		4 54	△ ⊙ V
11 Pius	10 7	Jupiter in Trine to	5 37	☿ ♀
12 Nabor	10 29	the Sun and Venus pro-	6 26	Thunder.
13 Mildred	11 1	meteth much Unity	7 18	☿ ☿ ☿ ☿ ☿
14	11 46	both in the Councils	8 15	Frequent
15 Swithin	Morn.	of Nations, and among	9 13	Showers now
A 8 S. aft. Trin.	0 40	the People in general.	10 17	about.
17 Kenelmus	2 1	His twofold Trine also	11 17	
18 Symphorus	rises.	to Mercury brings to	Morn.	
19 Rufinus	7N 59	the industrious Mer-	0 15	☿ Perigee
20 Margaret	8 16	chant very welcome	1 10	△ V Y
21	8 32	News from Sea.	2 4	Hot, with
22 Mary Magdal.	8 47		2 55	☿ ♀
A 9 S. aft. Trin.	9 4	But the Quartile	3 48	Thunder-
24 Christiana	9 26	of the Sun and Saturn	4 40	Showers.
25 St. James	9 50	and Jupiter and Mars	5 30	△ ☿ ♀
26 Anna	10 30	will, it's to be fear'd,	6 23	☿ ☿
27 Martha	11 16	introduce some unto-	7 18	△ V Y
28 Celfus	Morn.	ward Feuds, and Pro-	8 12	Frequent
29 Beatrix	0 21	jects of a malignan	9 5	Showers now
A 10 S. aft. Trin.	1 19	Nature.	9 56	about.
31 Pbs. Aug. born	2 29		0 43	

M	Sun rises	Sun sets	Saturn sets	Jupiter rises	Mars sets	Venus sets	Mercur rises	Aries South.
6	3 55	8 4	11N 44	10N 20	1M 3	8M 41	5M 22	16 10 5
12	4 3	7 57	11 19	9 56	12N 35	8 35	4 51	15 46 11
18	4 12	7 47	10 5	9 32	12 9	8 26	4 1	15 22 39
24	4 22	7 37	10 32	9 9	11 47	8 18	3 22	14 59 19
31	4 34	7 24	10 6	8 41	11 27	8 5	2 57	14 32 46

July 1749.

Weaver.

M D	Length of Days	Days decreasf.																	Planets Latitudes.
6	No real	16 8	0 35	2 N 18	1 S 26	5 S 17	1 N 18	4 S 15											
12	Night.	15 54	0 50	2 17	1 27	5 17	1 24	4 55											
18		15 35	1 7	2 15	1 29	5 13	1 27	4 36											
24	1 4	15 15	1 27	2 13	1 31	5 6	1 29	3 23											
31	1 4	14 50	1 53	2 11	1 33	4 56	1 27	1 28											
M D	Moon's Place.	Moon's Lat.	☉	☽	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	Declin. ☉ N.
1	27 15	2 N 5	20	5	13	44	28	41	08	32	28	38	8	53	21	59			
A	9 36	0 54	21	2	13	Δ 14	28	42	06	19	29	52	8	46	21	50			
3	21 46	0 S 12	22	6	0	13 8 44	28	Δ 43	0	6	18	5	8	36	21	41			
4	3 52	1 19	22	0	57	13 43	28	1444	29	7 53	28	19	8	19	21	32			
5	15 48	2 21	23	54	13 20 43	28	44	29	41	32	13	7	8	58	21	22			
6	27 40	3 17	24	51	13 D 43	28	45	29	Δ 29	4	47	7	34	21	12				
7	9 20	4 3	25	49	13 * 43	28	45	29	4	19	6	1	7	5	21	1			
8	21 20	4 39	26	* 46	13 9 43	R 8 45	29	Δ 10	7	14	7	14	6	32	20	51			
A	3 14	5 5	27	12 43	13 43	28	15 15	29	16 2	8 * 28	5 * 56	20	39						
10	15 18	5 16	28	40	13 44	28	44	28	54	9 12 42	5 5 17	20	28						
11	27 32	5 14	29	□ 38	13 44	28	44	28 * 47	11	56	4	□ 36	20	15					
12	10 36	4 57	0 4 35	13 6 4	28	43	28	2 40	12	□ 10	3 13 53	20	3						
13	22 56	4 24	1 S 32	13 7 45	28	Δ 42	28	35	13	4 24	3	Δ 19	19	51					
14	6 12	3 36	2 Δ 30	13 46	28	10 40	28	30	14	Δ 37	21 25	19	38						
15	19 55	2 36	3 17 27	13 45	28	□ 39	28	6 26	15	16 51	1	42	19	24					
A	4 40	1 23	4 24	13 * 47	28	15 37	28	42 1	17	5	1	0	19	12					
17	18 38	0 4	5 22	13 16 48	28	* 36	28	17	18	19	0 20	18	58						
18	3 31	1 N 17	6 8	19 13	□ 50	28	16 34	28 D 18	19	33	69	18 44	18	45					
19	18 37	2 3	7 5	17 13 16 51	28	32	28	19	20	8 46	29	11	18	30					
20	3 45	3 40	8 14	13 Δ 53	28	29	28	20	22	4	0 28	45	18	14					
21	18 46	4 31	9 12	13 16 54	28	6 27	28 * 20	23	14	28	Δ 21	17	59						
22	3 32	5 2	10 Δ 9	13 5	28	16 24	28 16 21	24	28	28	15 4	17	44						
A	17 56	5 14	11 12	6 13 50	28	20	28 □ 24	25	Δ 42	27	□ 51	17	28						
24	1 58	5 1	12 □ 4	13 8 58	28	17	28 18 29	26	15 6	27	17 44	17	12						
25	15 34	4 40	13 19	1 14 21	28	* 13	28 Δ 33	28	□ 10	D * 46	16	56							
26	28 46	4 3	13 59	14 2	28	23	9 28 24 38	29	124	27 22 54	16	40							
27	11 40	3 11	4 * 56	14 4	28	6 28	43	cm	37	28	8	16	23						
28	24 16	2 8	5 6	54 14	6	28	□ 2 28 50	1 * 51	28	3	16	6							
29	6 37	1 9	10 52	14 Δ 8	27	7 58	28 58	317	5 28	59	15	49							
A	18 4	0	17 49	14 15 11	27	Δ 54	29 6	4	19 29	6 35	15	52							
31	0 149	0 S 8	8 47	14 1	27	18 49	29 21 15	5	33	0 23	18	13							
Watch too fast.			☉	☽	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	Heliocentric Motions.				
6	5 33	19	24	24	51	19	16	18	10	17	25	18	36	8					
12	5 53	19	23	0 33	19	27	18	43	21	3	28	41	26	6					
18	5 54	19	21	6	19	1	39	19	1	24	43	8 26	16 23	23					
24	5 32	19	17	12	4	19	50	19	48	28	2	18	10	17 56					
31	4 41	19	8	18	47	20	20	27	2 27	2 27	1	19	3	1 17					

# August hath XXXI Days.

English Account

Roman Account

New Moon 2 Day, 23 minutes past 3 Morning.  
 First Quarter 10 Day, 24 minutes past 5 Morning.  
 Full Moon 16 Day, 12 minutes past 12 at Night.  
 Last Quarter 23 Day, 23 min. past 5 Afternoon.  
 New Moon, 31 Day, 43 minutes past 7 at Night.

	Saints Days and Terms.	Moon rises	The Southing of Fixed Stars.	Moon South.	Aspects and Weather.				
1	Lammas Day	3 M 41		11 M 29	Good Harvest- Weather	12			
2	Stephanus	fets	Shining Harp, 8 h.	0 A 10		13			
3	Inv. Stephen	7 N 25	51 m. at Night.	0 52	☽ Apogee	14			
4	Aristarchus	7 37		1 33	at the Begin-	15			
5	Ofwald	7 48	Bright * i'th' Vul-	2 12	ning.	16			
A 6	11 S. aft. Trin.	8 2	ture, 9h. 50 m. at N.	2 54	Flying Show-	17			
7	Donatus	8 17		3 36	* ☿ ♀	18			
8	Cyriacus	8 37	Upper * in Pegaf. W.	4 22	ers now about.	19			
9	Romanus	9 3	12 h. 51 m. at Night.	5 11		20			
10	Lawrence	9 40		6 6		21			
11	Tiburtus	10 31	The Trine of the	7 1	☿ ♀ Now	22			
12	Clara	11 40	Sun and Mars denotes	8 2	brisk Gales of	23			
A 12	12 S. aft. Trin.	Morn.	that some great General	9 3	Wind.	24			
13	Eusebius	0 57	or Commander a	10 3	☿ ☽	25			
14	Assump. Mary	2 24	bout this Time will	10 58	Fair, hot,	26			
15	Ambrosius	4 c	meet with an unex-	11 54	☿ ♀	27			
16	Bonifacius	rises	pected Advancement.	Morn.		28			
17	Helena	6 N 57		0 47	and very plea-	29			
18	Julius	7 16	Whilst on the other	1 39	sant.	30			
A 19	13 S. aft. Trin.	7 36	Hand the Opposition	2 33		31			
20	Athanasius	8 2	of Jupiter, and Square	3 30	☿ ☽	1			
21	Timotheus	8 36	of Mars, to Venus	4 23	Now Wind and	2			
22	Quiriacus	9 18	bring Sorrow and Af-	5 17	Rain may be	3			
23	St. Bartholom.	10 14	liction to one of the	6 14	expected.	4			
24	Ludovicus	11 16	Fair Sex.	7 8	☿ ☽	5			
25	Zophirinus	Morn.		8 1	☿ ☽	6			
A 26	14 S. aft. Trin.	0 28	Bright * Vulture 8 h.	8 49	* ☿ ♀	7			
27	Dog Days End	1 42	23 m. at Night.	9 34	* ☿ ☽	8			
28	Decol. J. Bapt.	2 57		10 17	Still wet, with	9			
29	Gaudentia	4 2	Pegasus's Mouth, 10 h.	10 33	brisk Winds.	10			
30	Adrianus	5 10	9 m. at Night.	11 41	☽ Ap. ☿ ♀	11			
M	Sun	Sun	Saturn	Jupiter	Mars	Venus	Mercu.	Aries	R
D	rises	fets	fets	rises	fets	fets	rises	South	A
6	4 46	7 12	9 N 44	8 N 16	11 N 9	7 N 53	3 M 3	14 10 26	17
12	4 57	7 2	9 23	7 52	10 58	7 43	3 30	13 48 10	23
18	5 9	6 50	9 1	7 39	10 48	7 31	4 17	13 26 39	29
24	5 21	6 37	8 40	7 9	10 41	7 21	5 0	13 4 33	4
31	5 36	6 23	8 16	6 43	10 32	7 6	5 51	12 39 23	11

Roman Account

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

M Day		Length	Days	August 1749.										Weaver.	
D	break.	of Days	decreaf.												
6	2 7	14 28	2 15	2 Nic	1 S 34	4 S 45	1 N 23	0 N 5	Planets La-						
12	2 29	14 4	2 38	2 9	1 36	4 33	1 16	1 11	tride.						
12	2 49	13 41	3 2	2 7	1 37	4 20	1 8	1 12							
18	3 7	13 16	3 27	2 6	1 38	4 8	0 57	1 45							
31	3 25	12 47	3 55	2 4	1 39	3 53	0 42	1 31							
M	Moon's	Moon's													
D	Place.	Latitud													
1	12 43	2 S 1	19 6 45	14 16	27 45	29 25	6 46	1 8	14 55						
2	24 24	3 C	10 15 42	14 3 18	27 40	29 36	8 0	2 3	14 37						
3	6m 23	3 50	11 40	14 20	27 36	29 10 48	9 6 14	3 8	14 18						
4	18 11	4 21	12 38	14 16 23	27 31	29 59	10 6 27	4 18	14 0						
5	0 4	4 54	23 35	14 25	27 19 26	0 11	11 41	5 33	13 41						
A	2 2	5 8	24 33	14 28	27 20	0 29	12 55	6 12 52	13 24						
7	24 6	5 5	25 31	14 31	27 15	0 38	14 9	8 18	13 2						
8	6m 22	4 51	26 3 29	14 34	27 9	0 13 53	15 23	9 0 49	12 43						
9	18 51	4 26	27 1 27	14 16 38	27 3	1 9	16 19 36	11 8 25	12 24						
10	17 39	3 45	28 17 24	14 41	26 15 57	1 25	17 50	13 4	12 3						
11	14 47	2 5	29 22	14 45	26 1	1 42	19 0 4	14 48	11 43						
12	28 21	1 47	0 20	14 47	26 2 144	2 0	20 8 18	16 0 34	11 23						
A	12 22	0 3	1 18	14 50	26 3 37	2 6 19	21 31	18 23	11 1						
14	26 50	0 N 44	2 4 16	14 54	26 2 330	2 38	22 17 45	20 14	10 42						
1	11 43	2 C	3 14	14 58	26 24	2 58	23 59	22 8 7	10 20						
16	26 54	3 11	4 8	12 15	5 16 17	3 18	25 12	24 9 3	9 19						
17	12 31	4 8	5 12	15 5	26 6 11	3 10 38	26 26	26 0	9 38						
18	27 28	4 4	6 8	15 5 9	26 22 4	3 10 9	27 8 40	27 58	9 16						
19	12 30	5 5	7 7	15 13	25 57	4 10 21	28 24 54	29 34	8 55						
A	27 10	5 2	8 5	15 17	25 49	4 4 43	0 7	1 50	8 33						
21	1 22	4 4	9 20	3 15 8 21	25 42	5 13 6	1 21	3 9 46	8 11						
22	25 5	4 1	0 1	15 7 25	25 3	5 29	2 35	5 12	7 50						
23	8 20	3 10	10 5	15 30	25 1 27	5 53	3 15 48	7 22 38	7 28						
24	21 9	2 10	11 5	15 34	25 19	6 17	5 2	9 34	7 6						
25	26 9	1 1	2 56	15 39	25 8 1	6 42	6 16	11 29	6 42						
26	15 53	0 1	13 20 54	15 24 43	2 4	7 6	7 5 29	13 18 23	6 21						
A	27 5	0 5	14 52	15 48	24 18 50	7 3	8 43	15 16	5 58						
28	9 49	1 5	5 51	15 52	24 49	7 50	9 56	17 8	5 3						
29	21 39	2 5	6 49	15 57	24 41	8 2	10 10	18 9	5 1						
30	3m 28	3 3	7 48	16 2	24 33	8 23	2 23	20 49	4 50						
31	5 18	4 1	8 44	16 6 7	24 8 25	9 110	3 37	22 37	4 28						
Watch too															
fast.															
6	3 3	18 5	24 27	20 14	20 59	6 29	9 12	17 34							
12	2 10	18 4	0 20	20 25	21 32	10 15	18 53	2 11 9							
18	0 32	18 24	6 8	20 36	22 6	14 1	28 31	18 26							
24	1 flo. 21	18 11	57	20 47	22 38	17 48	8 11	2 44							
31	3 42	17 26	18 46	20 0	23 16	22 13	19 19	22 27							
										Heliocentrick					
										Motions.					

Planets La-  
titude.

Declin.  
N.

Heliocentrick  
Motions.

# September hath XXX Days.

English Account

Roman Account

First Quarter 8 Day, 50 minutes past 4 Afternoon.  
Full Moon 15 Day, 23 minutes past 8 Morning.  
Last Quarter 22 Day, 48 minutes past 7 Morning.  
New Moon 30 Day, 13 minutes past Noon.

Saints Days and Terms.	Moon sets.	The Southing of Fixed Stars.	Moon South.	Aspects and Weather.	
1 Giles	6 N 4		0 A21		12
2 Lord. bur. 1666	6 18	Andromeda's Girdle,	1 1	Fine Weather	13
A 3 S. aft. Trin.	6 33	1 h. 26 m. Morn.	1 46	for a late Har-	14
4 Marcellus	6 53		2 27	vest.	15
5 Berlinus	7 18	This Month begins	3 17	☉ ☿	16
6 Magnus	7 58	with the Death or	4 8		17
7 Johannes	8 36	Disgrace of some Pre-	5 4		18
8 Nat. Mary	9 38	late, or other Eccle-	5 59		19
9 Gorgonus	10 50	siastick.	6 57		20
A 10 S. aft. Trin.	Morn.		7 55		21
11 Protus	0 13	Andromeda's Head,	8 50		22
12 Emfwida	1 42	11 h. 52 m. at Night.	9 46		23
13 Amantius	3 7		10 42	Brisk Winds.	24
14 Holy-Rood	4 43	The Square of Mars	11 33	☿ ☿ ☿	25
15 Valerianus	rises	and Mercury will pro-	Morn.		26
16 Euphemia	5 N 50	duce much lying News,	0 27	* ☿ ☿	27
A 17 S. aft. Trin.	6 13	and promote scandalous	1 21		28
18 Winceck	6 40	Pamphlets, to the	2 16	Perhaps some	29
19 Januarius	7 20	Prejudice of many	3 15	Showers; but	30
20 Ember Week	8 16	Persons of Note.	4 13	for the most	01
21 St. Matthias	9 16		5 10	Part good Har-	02
22 Mauritius	10 27		6 3	vest-Weather.	3
23 Linus	11 34	Seven Stars, 2 hours,	6 54	* ☿ ☿	4
A 24 S. aft. Trin.	Morn.	49 m. Morning.	7 41		5
25 Cleopuer	0 53		8 24		6
26 Cyprianus	2 2		9 7	Now expect	7
27 Cosm. & Dam.	3 12		9 47	☿ ☿ ☿	8
28 Privatus	4 10	An eminent Mar-	10 26	some Showers	9
29 St. Michael	5 29	riage is about this time	11 7	of Rain.	10
30 Leopardus	6 42	in Agitation.	11 51	☿ ☿ ☿	11

M D	Sun rises	Sun sets	Saturn sets	Jupiter sets	Mars sets	Venus sets.	Mercu. sets.	Aries South.	A D
6	5 48	6 11	7 N 56	5 M 39	10 N 28	6 N 56	6 N 29	12 17 51	17
12	6 1	5 58	7 35	5 12 10	25	6 44	6 18	11 56 24	23
18	6 13	5 46	7 15	4 46 10	24	6 36	6 9	11 34 45	29
24	6 26	5 34	6 54	4 20 10	22	6 26	5 58	11 12 59	5
30	6 38	5 21	6 32	3 54 10	21	6 17	5 46	10 50 57	11



M D	Day break of Days	Length of Days	Days Decreaf.	September 1749.												Weaver.	
M D	Day break of Days	Length of Days	Days Decreaf.													Latitudes.	Planets
6	3 42	12 23	4 19	2 N 3	1 S 40	3 S 39	0 N 27	0 N 48									
12	3 56	11 58	4 44	2 2	1 39	3 26	0 11	0 8									
18	4 11	11 32	5 10	2 1	1 38	3 13	0 S 6	0 S 35									
24	4 24	11 7	5 35	2 0	1 38	3 1	0 24	1 19									
30	4 37	10 41	6 1	1 59	1 37	2 48	0 42	1 58									
M D	Moon's Place	Moon's Latit.	☉	☿	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Declin. ☉ Nor.		
1	27 11	4 S 44	19 8 45	16 2 12	24 18 17	9 47	14 50	21 17 25							4 4		
2	9 12	5 0	20 43	16 17	24 9	10 15	16 4	26 12							3 41		
A 21	12 5	2 21	42	16 22	24 1	10 2 43	17 15 17	27 58							3 18		
6	3 11 23	4 50	22 40	16 27	23 53	11 12	18 31	29 43							2 55		
15	4 4	4 25	23 39	16 32	23 45	11 16 42	19 44	1 27							2 31		
6	18 17	3 48	24 6 38	16 2 37	23 16 37	12 12	20 58	3 19							2 9		
7	11 8	2 56	25 36	16 43	23 29	12 42	22 11	4 10 51							1 45		
14	4 8	1 57	26 35	16 48	23 22	13 13	23 32 5	6 32							1 22		
21	7 33	0 47	27 34	15 53	23 14	13 6 44	24 38	8 12							0 58		
A 31	22 0 N 25	28 33	16 16 59	23 6	14 11 15	25 52	9 1 51	0 35							0 35		
1	5 37	1 39	29 13 31	17 0 4	22 3 58	14 46	27 8 5	11 28							0 12		
12	10 15	2 48	0 30	17 19 10	22 50	15 18	28 19	13 11 5							Sou. 12		
18	5 14	3 47	1 29	17 16	22 43	15 15	29 14 32	14 41							0 36		
1	10 26	4 30	2 28	17 19 21	22 6 35	16 17 22	0 11 46	16 16							1 0		
15	5 41	4 56	3 20 27	17 27	22 4 27	16 55	1 59	17 8 50							1 23		
11	0 40	4 59	4 26	17 32	22 2	17 19 28	3 8 12	19 22 24							1 46		
A 18	5 33	4 43	5 25	17 38	22 12	18 1	4 22 26	20 57							2 9		
1	9 54	4 8	6 24	17 20 44	22 14	18 22 35	5 39	22 28							2 33		
19	3 11 43	3 20	7 23	17 50	21 4 56	19 9	6 53	23 59							2 56		
20	17 4	2 23	8 7 22	17 56	21 49	19 45	8 6	25 29							3 20		
21	29 57	1 21	9 0 22	18 2	21 9 41	20 18	9 19	26 18 59							3 42		
22	12 27	0 16	10 20 21	18 9	21 33	20 8 52	10 20 33	28 28							4 6		
23	24 40	0 S 49	11 22	18 11 15	21 18 26	21 17 27	11 45	29 56							4 29		
A 6	14 0	1 58	12 19	18 21	21 19	22 2	12 59	1 11 24							4 53		
25	13 32	2 46	13 12 19	18 24 27	21 12	22 37	14 14 12	2 12 49							5 16		
26	0 11 21	3 34	14 18	18 34	21 6	23 13	15 25	4 12							5 39		
27	12 12	4 15	15 17	18 40	20 8 59	23 48	16 39	5 35							6 1		
28	24 5	4 41	16 17	18 13 46	20 18 52	24 23	17 10 52	6 59							6 24		
29	6 4	4 56	17 16	18 53	20 46	24 0 59	19 5	8 22							6 47		
30	18 10	4 59	18 6 16	18 59	20 40	25 35	20 18	9 45							7 10		
Watch too flow.				☉	☿	♂	♂	♂	♂	♂	♂	♂	♂	♂	Helio- centric Motions.		
1	5 48	16 58	24 38	21 11 23	49	26	28 52	23 34									
12	7 52	16 23	0 30	21 22 24	23 29	50	8 24	12 11 7									
18	9 52	15 46	6 24	21 33 24	5 38	38	17 55	29 13									
24	11 43	18 8	12 19	21 44 25	28 7	25	27 25	15 54									
30	13 19	14 28	18 16	21 55 26	1 11	14	6 54	2 53 5									

# October hath XXXI Days.

English Account

Roman Account

First Quarter 8 Day, 36 minutes past 2 Morning.  
 Full Moon 14 Day, 1 minute past 6 Evening.  
 Last Quarter 22 Day, 5 minutes past 2 Morning.  
 New Moon 30 Day, 50 minutes past 4 Morning.

	Salute Days and Terms.	Moon sets	The Soathing of Fixed Stars.	Moon South	Aspects and Weather.	
A	19 S. aft. Trin.	5N 18		0 A. 7		A
2	Leodegar	5 33	The Bull's Eye, 3 h.	1 22	Fair, warm,	13
3	Canditus	6 2	5 min. Morning.	2 15	and very plea-	14
4	Franciscus	6 33		3 7	sant.	15
5	Thracia	7 37	Andromeda's Girdle,	4 2		16
6	Faith	8 46	11 h. 24 m. Night.	5 0		17
7	Julia	10 8		5 55	Brisk Wind,	18
A	20 S. aft. Trin.	11 29	Matters of great	6 48	$\Delta$ 1 $\gamma$ 6 1 $\gamma$	E
9	Dionysius	Morn.	Moment are about this	7 44	* $\delta$ 1 $\Delta$ 4 $\gamma$	20
10	Ox. & C. T. beg.	0 54	Time upon the Tapir,	8 35	with frequent	21
11	K. Ge. II. Cor.	2 21	and diverse Consulta-	9 26	Showers of	22
12	Wilfridus	3 51	tions are held, in order	10 19	$\gamma$ Fesige	23
13	Edwardus	5 17	to promote the Ease	11 12	Rain.	24
14	Calistus	rises	and Welfare of States	Morn.		25
A	21 S. aft. Trin.	4 N 44	and Kingdoms.	0 8		E
16	Martian	5 25		1 4		27
17	Etheldred Vir.	6 10	Bright * of Aries,	2 4	Lofty Winds,	28
18	St. Luke	7 8	11 h. 36 m. Night.	3 0	perhaps some	29
19	Ptolomens	8 15		4 0	$\square$ $\odot$ $\delta$	30
20	Wendelin	9 26	Orion's Foot, 2 h.	4 52	frosty Morn-	31
21	Ursula	10 39	37 m. Morning.	5 42	ings;	1
A	22 S. aft. Trin.	11 53	Part of Orange torn.	6 25	but a very	A
23	Term begins	Morn.	A Martialist about	7 8	$\square$ $\gamma$ $\gamma$	3
24	Areta	1 2	this Time meets Dis-	7 49		4
25	Chrispianus	2 10	grace, and a Female	8 28	$\gamma$ Aries	5
26	Everistus	3 20	of Note suffers.	9 19		6
27	Fr. Men. Frd. b.	4 29	First * of Aries, 10 h.	9 49	warm and plea-	7
28	St. Sim. & Jud.	5 42	41 m. at Night.	10 34	sant latter	8
A	23 S. aft. Trin.	6 55		11 19	Spring.	9
30	K. Ge. II. bor.	sets.	The 7 Stars, 12 h.	0 A. 10	$\Delta$ $\odot$ $\gamma$	10
31	Wol gang	4 N 44	22 m. at Night.	1 21		11

M	Sun rises	Sun sets	Saturn sets	Jupiter sets	Mars sets	Venus sets	Mercur. sets	Aries South.	R
D									A
6	6 50	5 9	6N 12	3M 29	10N 21	6N 0	5N 35	10 28 39	17
12	7 3	4 56	5 52	3 9	10 23	6 6	5 24	10 6 2	23
18	7 14	4 45	5 29	2 38	10 24	6 2	5 12	9 42 54	29
24	7 26	4 33	5 8	2 13	10 2	6 3	4 57	9 19 24	4
30	7 39	4 20	4 41	1 43	10 2	6 4	4 29	8 50 16	11

Roman Account

13

14

15

16

17

18

20

21

22

23

24

25

27

28

29

30

31

Nov.

3

4

5

6

7

8

10

11

R

A

17

23

29

4

11

M Day			Length		Days		October 1749.												Weaver.			
D	break	of Days	of Days	Decreas.																		
6	4 49	10 18	6 22	1 N 59	1 S 36	2 S 36	1 S 0	2 S 30													Planets Latitudes	
12	5 0	9 54	6 48	1 58	1 35	2 24	1 17	2 52														
18	5 11	9 30	7 12	1 57	1 34	2 12	1 33	2 53														
24	5 22	9 6	7 36	1 57	1 32	2 1	1 47	2 20														
31	5 33	8 41	8 1	1 56	1 30	1 49	2 1	0 33														
M	Moon's	Moon's																	Declin.			
D	Place	Lat.	☉	☽	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	☉	S.				
A	0 25	4 S 48	19 0 15	19 5	20 34	26 15 12	21 31	11 6 4	7 33													
2	12 49	4 23	20 15	19 6 12	20 28	26 49	22 6 44	12 23 24	7 56													
3	25 23	3 46	21 14	19 12 18	20 15 23	27 26	23 21 57	13 42	8 18													
4	8 7	2 56	22 14	19 25	20 17	28 4	25 9	14 58	8 40													
5	21 3	1 57	23 14	19 31	20 22 11	28 41	26 22	16 12	9 3													
6	4 V 13	0 50	24 13	19 38	20 5	29 18	27 35	17 24	9 24													
7	17 38	0 N 21	2 13	19 45	20 0	29 56	28 48	18 35	9 46													
A	1 19	1 31	26 14 13	19 4 51	19 4 55	34	0 7 1	19 2 45	10 8													
9	15 21	2 39	27 13	19 58	19 50	1 22 12	12 114	20 53	10 29													
10	29 41	3 38	28 22 13	20 8	19 46	1 51	2 27	22 10 0	10 51													
11	14 19	4 22	29 12	20 12	19 6 41	2 30	3 54 0	23 5	11 12													
12	29 10	4 52	0 12	20 10 19	19 9 36	3 9	4 43	24 15	11 34													
13	14 V 5	5 1	1 12	20 26	19 32	3 748	6 10 6	25 0	11 55													
14	28 56	4 50	2 12	20 33	19 28	4 27	7 18	25 57	12 15													
A	13 34	4 20	3 6 12	20 8 39	19 24	5 9 6	8 31	26 8 49	12 36													
15	27 51	3 33	4 12	20 1246	19 10 21	5 45	9 8 44	27 24 38	12 56													
17	11 42	2 35	5 12	20 53	19 17	6 1424	10 22 57	28 22 13	17													
18	5 6	1 31	6 12	21 0	19 14 14	7 3	12 10	28 58	13 37													
19	8 3	0 24	7 12	21 7	19 11	7 43	13 22	29 29	13 57													
20	10 35	0 8 42	8 12	21 14	19 2 9	8 2	14 35	29 6 14	16													
21	25 52	1 46	9 13	21 12 1	19 5	9 8 2	15 47	0 7 19	14 35													
A	14 54	2 44	10 14 13	21 28	19 3	9 1342	17 0	0 19 30	14 54													
23	26 47	3 34	11 13	21 13 36	19 10 22	18 5 12	18 34	15 14	14													
24	8 39	4 13	12 14	21 43	18 8 50	11 2	19 25	0 8 30	15 32													
25	20 31	4 43	13 8 14	21 50	18 21 58	11 43	20 37	0 18 15	40													
26	2 38	5	14 14	21 3 57	18 57	12 23	21 0 50	29 11 53	16 9													
27	14 3	5 4	15 1	22 4	8 55	13 1 3	23 2	29 19 23	16 26													
28	26 49	4 54	16 15	22 11	18 54	13 44	24 18 15	28 36	16 43													
A	9 17	4 30	17 15	22 18	18 53	14 24 25	25 27	27 40	17 1													
30	21 57	3 53	18 16 16	22 25	18 18 52	15 10 5	26 39	26 8 38	17 18													
31	4 49	3	9 16	22 1 32	18 51	15 40	27 51	25 8 30	17 34													
Clock too flow.			☉	☽	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	♂	♀	Heliocentric Motions.					
6	14 39	13 49 24	1	22 6 26	34	15 2	16 22	20 1														
12	15 36	13 12 0	12	22 17 27	6	18 49	25 51	9 27														
18	16 8	12 37 6	11	22 28 27	39	22 35	20	1 46														
24	16 13	12 5 12	1	2 39 28	12 26	20 14	49	28 16														
31	15 40	11 33 19	0	22 52 8	51	0 41	25 53	5 48														

Helio-centric  
Motions.

M  
D.  

---

6  
12  
18  
24  
30  

---

M  
D.

First Quarter 6 Day, 1 minutes past 11 Morning.  
 13 Day, 45 minutes past 5 Morning.  
 Last Quarter 20 Day, 51 minutes past 10 at Night.  
 New Moon 28 Day, 52 minutes past 7 at Night.

Roman Account

Saints Days and Terms		Moon sets	The South- ing of Fixed Stars.	Moon. South.	Aspects and Weather.	
1	All Saints	5 N 34	This Month is ush-	1 A 58	Cloudy	12
2	All Soul's	6 3	er'd in with a Con-	2 55	☉☉☉☉☉☉	13
3	Winifred	7 55	junction of the Sun,	3 51	☉☉☉	14
4	Agricola	9 16	Saturn, and Mercury,	4 47	with Rain,	15
5	St. Andrew	10 40	Powder Plac.	5 38	☉☉☉☉☉☉	16
6	Leonard	Morn.	in Square to Mars,	6 28	or Sleet.	17
7	Herculanus	0 5	from whose Influence	7 17	Cold and	18
8	Claudius	1 28	nothing but Mischief	8 7	Persee	19
9	Theodorus	2 49	and cros Actions can	8 57	Frost like,	20
10	Triphon	4 21	be expected.	9 54	with brisk	21
11	Martin	5 48		10 47	Winds.	22
12	St. S. aft. Tr.	7 10	☉ of ☉ S. aft. Epipha	11 44	☉☉☉	23
13	Eugenius	rises.		Morn.	Sleet or	24
14	St. W. H. H. H.	4 N 49	The Seven Stars, 1 h.	0 42	*☉☉	25
15	Machutus	5 54	20 m. at Night.	1 38	Showers now	26
16	Oumardus	7 4		2 34	about.	27
17	Hugh B. Line	8 18	The lesser Dog, 3 h.	3 25	*☉☉	28
18	Fulcor	9 31	5 m. Morning.	4 14	Pleasant Days,	29
19	St. S. aft. Tr.	10 42	☉ of ☉ S. aft. Epipha	4 57	P. S. Wal. torn	30
20	Edmund	11 56	The Whale's Jaw,	5 39	with frosty	1
21	Present. B. V.	Morn.	10 h. 12 at Night.	6 17	☉ Apogee	2
22	Cacilia	1 2		6 57	Mornings.	3
23	Clement	2 7	The greater Dog, 1 h.	7 39	*☉☉	4
24	Christian	3 17	47 m. Morning.	8 28	More cold,	5
25	Catharine	4 42		9 13	with Frost	6
26	St. S. aft. Tr.	5 45	25 Sunday after Trin.	9 52	☉☉☉	7
27	Maximius	6 57		10 44	and Sleet.	8
28	Term ends	fets.		11 39		9
29	Saturnus	4 N 16	Orion's Belt, 12 ho.	0 36		10
30	St. Andrew	5 28	6 m. at Night.	1 34	☉☉☉	11

M. Day D. break.	Length of Days	Days decreas.	November 1749. Weaver.										Planets La- tudes.
M Moon's D Place.	Moon's Lat.	☉	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	D.clin S.
1 17 54	2 S 4	20 17	22 39	18 51	16 12	12 29	29 6 3	24 15	17 50				
2 1 10	0 54	21 17	22 46	18 51	17 18	13 15	0 17 15	12 54	18 6				
3 14 36	0 N 17	22 * 18	22 * 53	D * 50	17 49	12 22	8 1	* 33	18 22				
4 28 13	1 29	23 15	23 15	18 51	18 30	2 40	10 11	15 18	18 37				
A 12 11	2 38	24 9	23 8	18 51	19 6	3 52	19 11	16 0	18 53				
6 25 59	3 38	25 23	23 19	18 52	19 15	5 * 4	17 14	14 8	19 8				
7 10 8	4 25	26 20	23 22	18 53	20 33	6 17	16 16	16 48	19 22				
8 24 26	4 56	27 21	23 23	18 54	21 14	7 28	15 15	15 57	19 36				
9 8 42	5 9	28 4	23 37	18 56	21 * 56	8 24	15 39	15 16	19 49				
10 23 18	5 2	29 22	23 44	18 57	22 33	9 51	14 48	20 3					
11 7 42	4 36	0 12	23 51	18 * 58	23 18	11 43	14 8	20 16					
A 21 56	3 52	1 24	23 8	19 9	23 59	12 6	14 12	20 29					
13 5 54	3 0	2 18	24 5	19 10	24 44	13 25	14 D 3	20 41					
14 19 34	1 52	3 25	24 12	19 23	25 23	14 37	14 46	20 53					
15 2 51	0 44	4 26	24 19	19 7	26 11	15 48	15 10	21 4					
16 15 47	0 S 27	5 27	24 26	19 11	26 47	17 8	15 24	21 15					
17 28 23	1 36	6 28	24 16	19 6	27 29	18 2	16 27	21 26					
18 10 41	2 36	7 17	24 40	19 16	28 11	19 22	17 15	21 36					
A 22 45	3 30	8 30	24 47	19 18	28 53	20 31	18 14	21 46					
20 4 41	4 14	9 30	24 54	19 21	29 13	21 44	19 1	21 55					
21 16 32	4 46	10 11	25 * 1	19 25	30 18	22 55	20 * 0	22 4					
22 28 27	5 6	11 32	25 10	19 29	1 0	24 13	21 7	22 12					
23 10 25	5 13	12 * 33	25 15	19 33	1 42	25 16	22 7	22 20					
24 22 33	5 7	13 34	25 22	19 37	2 24	26 27	23 14	22 28					
25 6 56	4 51	14 35	25 29	19 42	3 0	27 8	24 22	22 35					
A 17 32	4 11	15 36	25 36	19 46	3 48	28 * 48	25 34	22 43					
27 0 26	3 21	16 37	25 42	19 45	4 31	29 23	26 16	22 49					
28 13 37	2 22	17 38	25 49	19 50	5 13	30 1	27 1	22 54					
29 27 4	1 12	18 39	25 56	20 11	5 * 55	2 18	29 16	23 0					
30 10 46	0 2	19 40	26 3	20 * 7	6 10	37	3 28	23 5					
Watch too flow.	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Heliocentric Motions.
6 14 39	11 10	25 19	23 3	29 24	4 24	5 24	12 43						
12 13 8	10 51	1 24	23 14	29 57	8 6	14 55	19 58						
18 11 11	10 36	7 29	23 25	30 30	11 46	24 27	23 10						
24 8 49	10 26	13 34	23 36	1 3	15 24	4 0	20 11	37					
30 6 6	10 20	19 40	23 47	1 36	19 1	13 34	13 31						



# December hath XXXI Days.

English Account

Roman Account

First Quarter 5 Day, 38 minutes past 6 at Night.  
Full Moon 12th Day, at 8 at Night.  
Last Quarter 20 Day, 21 minutes past 8 at Night.  
New Moon 21 Day, 19 min. past 9 Morning.

Saints Days and Terms.	Moon sets	The Southing of Fixed Stars.	Moon South	Aspects and Weather.					
1 Virgilius	6N 51		2A 30		12				
2 Bibiana	8 16	Orion's Belt, 11 h.	3 23	Fair and frosty	13				
A 1 S. in Advent	9 34	43 m. at Night.	4 15	now about.	14				
4 Barbara	11 4		5 4	☾ Perigee	15				
5 Sabbas	Morn.	First Star of Aries,	5 54	☐ ☿ ☿ * ☿ ☿	16				
6 Nicholas	0 27	7 h. 57 m. Night.	6 44		17				
7 Qu. of Den. bo.	1 52		7 33		18				
8 Concept. Mary	3 14	The Quartiles of	8 25	Cold Winds,	19				
9 Leocadia	4 39	Mercury to Jupiter	9 19	with Sleet or	20				
A 2 S. in Advent	5 57	and Mars threaten	10 16	Showers.	21				
11 Damasus	7 10	scurrillous Pamphlets,	11 12		22				
12 Synesius	rises	lying Intelligence, to-	Morn.	☾ Eclips. vifib.	23				
13 Luc. V. & M.	4N 37	gether with much	0 10	☐ ♃ ☿	24				
14 Nicarius	5 46	tricking Cozenage and	1 3		25				
15 Irenaeus	7 0	Deceit.	1 52	Still cold, with	26				
16 Cam. T. ends	8 11		2 37	Frost, Wind,	27				
A 3 S. in Advent	9 21	Hydra's Heart, 2 h.	3 20	☾ Apogee	28				
18 Oxf. T. begins	10 27	41 m. Morning.	3 59		29				
19 Nemefius	11 37		4 41		30				
20 Ember Week	Morn.		5 21	Snow and Sleet.	31				
21 St. Thomas	0 46	The Quartile of Sa-	6 2	☐ ♃ ☿					
22 Demetrius	1 53	turn and Venus gives	6 46						
23 Victoria	3 7	Uneasiness to a Lady	7 31	☿ ♃ ☿	3				
A 4 S. in Advent	4 19	of Note; and Jupi-	8 21						
25 Nativ. Christ	5 32	ter with Mars brings	9 13	The Year con-	5				
26 St. Stephen	6 31	Wranglings and Strife	10 9	cludes with	6				
27 St. John	7 23	about Religious Mat-	11 8		7				
28 Innocent	sets	ters.	0A 6	☉ Eclips. vif.	8				
29 Trophimus	5N 37	God protect his Sacred	1 1		9				
30 Prs. Eliz. born	7 7	Majesty King George,	1 56	moderate	10				
A 5 S. aft. Christm	8 37	God now and ever. Am	2 45	Weather.	11				
M D	Sun rises	Sun sets	Saturn rises	Jupiter sets	Mars sets	Venus sets	Mercur rises	Aries South.	R A
6	8 21	3 39	5M 37	11N 18	10N 22	7N 20	6M 58	6 17 13	17
12	8 21	3 39	5 15	10 56	10 21	7 33	7 24	5 50 38	23
18	8 19	3 41	4 52	10 34	10 21	7 49	7 45	5 24 16	29
24	8 15	3 45	4 29	10 13	10 20	8 5	8 4	4 57 52	4
31	8 9	3 52	4 1	9 49	10 18	8 20	8 18	4 27 10	11

Day break.			Length Days of Days decreaf.			December 1749.										Weaver.	
M D	Day break.		Length	Days of Days decreaf.		1 N 57	13 21	0 S 51	2 S 0	0 N 30	Planets						
											Latitudes.						
6	6	4	7	18	9 24	1 57	1 19	0 43	1 52	0 S 14							
12	6	3	7	18	increaf.	1 57	1 19	0 43	1 52	0 S 14							
18	6	2	7	21	0 4	1 58	1 18	0 35	1 34	0 53							
24	6	0	7	29	0 12	1 58	1 17	0 28	1 12	1 53							
31	5	56	7	42	0 25	1 59	1 15	0 20	0 39	1 53							
M D	Moon's Place.	Moon's Lat.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Declin. S.
1	24 40	1 N 15	20 42	26 10	20 16	13	7	19	46 38	2 56	23	9					
2	8 42	2 31	21 43	26 3	16 20	19	8	1	51 48	4 162	23	13					
A 23	49	3 34	22 44	26 0	23 20	25	8	44	6 57	5 48	23	17					
4	7 0	4 15	23 45	26 6	30 20	32	9 26	8 7	7 15	23	20						
5	21 9	4 59	24 46	26 16	36 20	33	10 4 8	9 16	8 0 43	23	23						
6	5 23	5 14	25 47	26 9	43 20	44	10 50	10 25	10 11	23	25						
7	19 25	5 13	26 48	26 49	20 51		11 33	11 9 34	11 9 39	23	27						
8	3 27	4 51	27 1 34	26 56	20 58		12 15	12 43	13 8	23	28						
9	17 21	4 12	28 51	27 8	21 5		12 9 57	13 17 51	14 37	23	29						
A 11	5	3 20	29 52	27 17	8 21	7 12	13 0	15 0	16 6	23	29						
11	14 37	2 17	30 53	27 15	21 19		14 24 22	16 9	17 8 36	23	29						
12	27 54	1 7	1 54	27 21	21 12 26		15 4	17 3 17	19 6 10	23	28						
13	10 55	0 S 4	2 55	27 27	21 34		15 47	18 25	20 41	23	27						
14	23 40	1 23	3 56	27 33	21 42		16 10 29	19 33	22 12	23	26						
15	6 12	2 18	4 58	27 40	21 49		17 12	20 40	23 44	23	24						
16	18 26	3 16	5 59	27 46	21 57		17 55	21 8 48	25 16	23	21						
A 18	27	4 4	7 0	27 52	22 5		18 37	22 7 55	26 15 49	23	18						
18	12 31	4 41	8 12	27 58	22 8 13		19 8 20	24 2	28 21	23	14						
19	24 20	5 5	9 2	28 4	22 20 22		20 15	25 8 29	29 54	23	10						
20	6 13	5 17	10 4	28 8 10	22 30		20 46	26 14	1 27	23	6						
21	18 11	5 14	11 8 5	28 15	22 39		21 29	27 21	3 13	23	1						
22	0 19	4 57	12 6	28 21	22 48		22 12	28 20 27	4 35	22	56						
23	12 41	4 28	13 7	28 27	22 57		22 55	29 33	6 10 10	22	50						
A 25	19	3 45	14 1 8	28 33	23 0 6		23 13 8	30 39	7 44	22	44						
25	8 19	2 47	15 9	28 6 38	23 16		24 20	11 0 44	9 20	22	38						
26	21 42	1 41	16 11	28 44	23 25		25 3	2 49	10 56	22	30						
27	5 27	0 26	17 0 12	28 50	23 33 35		25 6 46	3 21 53	12 6 43	22	23						
28	19 31	0 N 51	18 21 13	28 55	23 44		26 28	4 58	14 14 10	22	15						
29	3 31	2 8	19 14	29 16	23 7 54		27 12 10	6	21 5 48	22	6						
30	18 24	3 16	20 1	29 24	24 6 24		27 52	7 6	17 25	21	57						
A 31	8 0	4 13	21 16	29 18 12	24 14		28 36	8 0 10	19 2	21	48						
Clock too flow.	☉	☿	♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	Heliocentric Motions.		
6.3	11	10	15	25	47	23	58	2	8	22	36	23	8	3	11		
12	0	11	10	13	1 54	24	9	2	21	26	9	2 44	20	53			
18	2	fa	10	12	8	1	24	20	3	14	29	40	12	21	7 35		
24	5	38	10	12	14	8	24	31	3	47	3 8	9	21	59	24	5	
31	8	36	10	11	21	16	24	44	4	26	7	11	3 11	15	14 56	6	

**A TABLE** shewing the Magnitudes, Rising, Southing, and Setting of 30 of the most remarkable Fixed Stars, together with their Meridian Altitudes, rectified to the first Day of this Year 1749.

Names of the Stars.	Rising			Southing			Setting			Altit.	
	h.	m.	s.	h.	m.	s.	h.	m.	s.	d.	m.
Andromeda's Girdle—	2	14	34	9	0	55	20	11	12	35	71 16
First Star of Aries —	4	17	54	21	1	39	25	9	20	33	55 3
Bright Star of Aries—	2	17	38	31	1	52	39	10	2	51	59 15
Br. Star i'th' Whale's Jaw	2	20	29	33	2	48	40	9	3	51	40 5
Brightest of the 7 Stars	3	19	10	0	3	31	59	11	50	2	60 18
Aldebaran or Bull's Eye	1	20	48	38	4	20	44	11	48	54	52 59
The Foot of Orion —	1	23	44	32	5	1	38	10	14	48	28 29
Middle Star in his Belt	2	23	26	59	5	22	32	11	14	9	35 37
That in his right Should.	1	22	58	19	5	40	33	12	18	52	44 20
The greater Dog's Mouth	1	2	5	33	6	33	0	11	0	27	20 44
The lesser Dog Procion	2	0	54	28	7	24	54	13	55	20	42 52
South Head of Gemini—	2	22	20	2	7	28	39	16	33	20	65 37
Hydra's Heart ———	2	3	54	5	9	12	40	14	31	15	29 25
The Lion's Heart —	1	2	41	42	9	53	19	17	4	56	50 13
The Lion's Tail ———	1	4	5	49	11	34	19	19	2	49	52 58
Algoreb ————	3	7	31	54	12	0	56	16	29	58	20 52
Vindemiatrix ———	3	5	41	3	12	47	35	19	54	7	49 19
The Virgin's Spike —	1	8	3	42	13	9	47	18	15	52	27 10
Arcturus ————	1	6	2	6	14	1	55	22	1	44	57 44
The South Ballance —	2	9	58	31	14	34	38	19	10	45	22 1
The North Ballance—	2	9	47	10	15	1	0	20	15	0	28 34
Br.* i'th'Serpent's Neck	2	8	51	34	15	29	28	22	7	22	44 14
The Scorpion's Heart —	1	12	52	1	16	11	20	19	30	39	11 10
The Serpent's Head —	2	10	12	8	17	20	20	0	28	32	39 38
Bright Star i'th'Harp —	1	Rises not		18	25	18		Sets not			75 34
Bright Star i'th'Vulture	1	12	52	8	19	35	10	2	22	8	45 13
The Mouth of Pegasus	2	14	42	27	21	28	13	4	17	55	45 44
Upper br. * in his Wing	2	15	33	22	22	48	25	6	7	24	50 51
Lowermost in his Wing	2	16	41	42	23	56	19	7	14	52	50 46
Andromeda's Head ———	2	14	56	11	23	51	25	8	50	35	64 42

To find the Rising, Southing, or Setting of any of these Stars by Help of this Table : Take an Example of Aldebaran, or the Bull's Eye, for *January* the 6th.

I find at the Bottom of the Left hand Page of that Month, that the Beginning of Aries is South 4 hours, 3 minutes, 36 seconds past Noon ; and according to this Table, the abovesaid Star rises 20 hours, 48 minutes, 38 seconds ; is South 4 hours, 20 minutes, 44 seconds ; and sets 11 hours, 48 minutes, 54 seconds, after the Southing of the vernal Equinox : Now each of these, added to 4 hours, 2 minutes, 25 seconds, shews that this Star rises that Day 24 minutes, 8 seconds, past Noon ; is South 31 minutes, 8 seconds, past 8 at Night, and sets 24 minutes, 19 seconds, past 3 next Morning. After the same Manner you may find the Rising, Southing, or Setting of all the rest ; always observing to reject 24 hours, when your Sum exceeds that Number, and add 4 minutes to the Remainder, as I have here done for this Star's Rising.

A General

# A General Tide TABLE.

Subtract		The Names of PORTS.		Add	
H	M			H	M
North		Queenborough, Portsmouth, Southampton, Isle of		South	
12	24	Wight, Spits, Dunkirk, Canada, and Kentish Knock,		0	0
N by E		Rochester, Malden, Aberdeen, and at Red-		S by W	
11	38	band.		0	46
NNE		Gravesend, Downs, Rumney, Scilly, Thanet, N.		SSW	
10	51	Cape, before Coquer, and between Calais and Dover.		1	33
NE by N		London, St. Andrew's, St. Lucas, Dundee, Bell-		SW by S	
10	5	Isle, Holy-Isle, and Lisbon.		2	19
NE		Hartlepool, Tinnmouth, White-bay, Amsterdam,		SW	
9	19	Galcoign, and upon the West of Ireland.		3	6
NE by E		Berwick, Brillington-bay, Flamborough, Bour-		SW by W	
8	32	deaux, Rochel, and at Ushant.		3	52
ENE		Scarborough, Severn, Mounts-bay, and at Kin-		WSW	
7	45	sale, and Humber		4	39
E by N		Newcastle, Severn-mouth, Falmouth, Ramsey,		W by S	
6	59	Dartmouth, Lizard, and Guernsey.		5	25
East		Plymouth, Antwerp, Lynn, Hull, St. David's,		West	
6	12	Holm, St. Peter's, Faldike, and Cross-Keys		6	12
E by S		Weymouth, Bristol, Lime, Foulness at the Start,		W by N	
5	26	Boston, Lan on, Sedmouth, and at St. Nicholas.		6	03
ESE		Milford, Bdgwater, Land's end, Portland, Wa-		WNW	
4	40	terford, and Limington.		7	4
SE by E		Hague, Peterport, Dublin, Harflew, St. Magnus,		NW by W	
5	53	Sound, Cambray and without the Caskets.		8	31
SE		Pool, St. Helens, Orkney, Cathness, and the Isle		NW	
3	7	of Man.		9	18
SE by S		Needles, Layflow, and both the North and South		NW by N	
2	20	Forelands.		10	4
SSE		Yarmouth, Dover, Calais-Road, Harwich, Cowes,		NNW	
1	33	Ccasts of Normandy and Picardy.		10	51
S by E		Rye, Thames, Rhodes, Winchelsea, Sol-bay,		N by W	
0	47	Goore, and Margaret-Road.		11	37

Note, From 2 Hours before High Water to 3 Hours after at *Tide*, and from 3 Hours before, to 3 and a half after at *Cross Keys*, it is very dangerous riding the *Wafes*.

In order to understand the Use of this Tide-Table, observe the following Examples :

*April 16.* The Moon is South 32 min. past 8 at Night ; and by the Table it appears, that at *London, St. Andrews, St. Lucas, Dundee, &c* the Moon at N E by N, and SW by S. makes High-Water, *&c.* 10 h. 5 m. before her Southing, and 2 h. 19 m. after : Con equently at these Places, the first High-Water is at 27 m. past 10 in the Morning, and the other 51 min. past 10 at Night.

# A large Chronology of memorable Accidents, from the Birth of our SAVIOUR to this Year, 1749.

*Since the World was made, or since it was drown'd,  
No true Account from Authors can be found;  
Twixt their Opinions so much Odds appears,  
That some must Err above a thousand Years:  
Therefore such large Accounts I shall not give;  
But such as for Authentick I receive,  
Take at my Hand; none false I think there be,  
But half of them I now I ne'er did see.*

	Years		Years
<b>S</b> ince the Birth of Christ	1749	Innovation in Religion, <i>June</i>	
Jerusalem taken by the		28, 1638	111
Romans	1676	A Declaration discharging the	
Eng. conv. to Christianity	1559	Service - Book in Scotland,	
Tower of London built	1180	Sep. 22	111
Cambridge made an Univ.	1114	The Long Parliament began,	
St. Paul's Church built	663	Nov. 3, 1640	109
Westminster-Hall built	650	Rebellion in Ireland began	
First Mayor of London	559	Octo. 23, 1641	108
Lon. Bridge built with Stone	538	Edge-Hill Fight Octo. 23	107
The Invention of Guns	371	Brentford Battle Nov. 16	107
Art of Printing found out	309	Marston-moor Battle July 3	105
Coaches first used in Engl.	194	The Archbishop of Canterbury	
St. Paul's Steeple fired by		beheaded Jan. 10, 1645	104
Lightning	189	The fatal Battle of Naseby,	
Great Massacre in France	177	June 14, 1646	103
Kalendar cor. by P. Greg.	167	K. Charles I. murder'd	101
Spanish Armado burnt	161	Worcester Fight Sep. 3, 1651	98
The Powder Plot	144	Long Parliament pulled out by	
K. James I. laid the first Stone		Oliver Cromwell	96
of Chelsea-College	140	Dunkirk deliver'd to the Eng.	91
The Bible new translated	138	Oliver C. died, Sep. 3, 1658	91
New-River brought to Lon.	135	Richard Cromwell turned out,	
A Comet appear'd Nov. 18	131	April 22, 1659	90
The Plague in London, whereof		General Monk brought in the	
died above 30,000	124	secluded Members, Feb. 11	89
A great Fire on London-Bridge,		The Healing Parliament began	
Feb. 11, 1632	117	April 25, 1660	89
The Liturgy read at Edinburgh		K. Charles II. returned in Peace	
in Scotland, which caused a		to White-Hall, May 29	89
Tumult, July 3, 1637	112	Two Comets seen in 4 Months	
The King's Declaration against			84



## A large Chronology of remarkable Things.

Great Plague in London, where- of died near 100,000	84	land, Sept. 8, 1692	57
The great Sea-fight betwixt the <i>English</i> and <i>Dutch</i>	83	Q. Mary died, Dec. 28 1694	55
The dreadful Fire in London, Sep. 2, 3, and 4, which consu- med 13, 200 Houses, 1666	83	The Plot for Assassinating K. William, 1696	53
A great Hurricane and terrible Storm of Hail, Rain, and Thunder, which did much Damage at <i>Welbourn</i> , <i>Wel-</i> <i>lingore</i> , &c. in <i>Lincolnshire</i> , October 15	83	Charnock, King, Keys, Sir John Friend, Sir W. Perkins, Rook- wood, Crambourn & Lowick, executed for the same	53
Peace concluded between the <i>English</i> and <i>Dutch</i>	82	The old clip'd Silver Money called in and new coined	53
K. Charles II. laid the first Stone of the <i>Royal Exchange</i>	82	Whitehall destroyed by Fire, Jan. 4, 1698	51
It snowed 11 Days together	75	Peace with France concluded.	51
St. Paul's, London, began to be rebuilt, June 21, 1675	74	War with France proclaimed, May 4, 1702	47
Oates's Plot began 1678	71	A terrible Wind, Nov. 27	46
A great Comet appear'd, O. 1, 1680, and cont. 3 Months	69	Gibraltar taken, July 24	45
The Fanatick Rye-house Plot dis- covered June 12, 1683	66	Hockley Fight, Aug. 2	45
13 Weeks Frost began Nov.	66	The great Fight in the Medi- terranean Sea, Aug. 13	45
A Rebellion in Scotland	64	Ramellies Battle, May 12	43
A Rebellion in Dorsetshire	64	England and Scotland united, May 1, 1707	42
K. James II. declared for Lib. of Consc. April 4, 1687	62	The Pretender attempted to in- vade Great-Britain	41
The 7 Bishops sent to the Tower June 8; the pret. P. of Wales born June 10, 1688	61	Oudenard Battle in Flanders	41
Prince of Orange sailed for Eng. Nov. 1. landed 5, marched into Exeter 9, P. George and D. of Ormond went to meet him 24. K. James abdicated Dec. 12. the Lords met to settle the Nation 25	61	Wynwendale Bat Sep 28	41
K. W. III reduced Ireland 59	59	Prince George died, Oct. 28	41
A great Earthquake in Eng-		The bloody Battle of Malplaquet, Aug. 31, 1709	40
		Peace with France, Mar. 31	36
		A terrible Wind which did great Damage in the Counties of Nottingham, York, Lincoln, &c. Feb. 1, 1715	34
		A Rebellion began in Scotland, in April. The Earl of Mar defeated near Dumbarton, Nov. 13	31
		A Skirmish with another Body of Rebels at Preston in Lan- cashire, Nov. 17, 1715	31

## A large Chronology of remarkable Things.

rendered the 14, 1715	34	Their Royal Highnesses the	
Three whole Bullocks roasted		Prince and Princess of Wales	
on the Ice upon the <i>Thames</i> ,		married in the R. Chapel at	
<i>Jan.</i> 19, 1716	33	<i>St. James's</i> , <i>April</i> 27, 1735	13
A surprising Meteor seen here,		Princess <i>Augusta</i> born <i>July</i> 11,	
and the City of <i>Ronsen</i> in		1737	12
<i>Flanders</i> was burnt, <i>March</i>		Queen <i>Caroline</i> died <i>Nov.</i> 20,	
the 19, 1719	30	1737	12
The <i>Span</i> beg. the 4 Months		Prince <i>George</i> born <i>May</i> 24,	
<i>Siege</i> of <i>Gibraltar</i> <i>Febr.</i> 22		1738	11
turn'd the <i>Siege</i> into a Bloc-		Prince <i>Edward Augustus</i> born	
kade <i>June</i> 12, 1727	22	<i>March</i> 14, 1739	10
An Earthquake in the West of		War with <i>Spain</i> proclaimed,	
<i>England</i> , <i>July</i> 19	22	<i>Oct.</i> 23	10
120 Men, Women, and Chil-		<i>Porto Bello</i> taken <i>Nov.</i> 22, 10	
dren, burnt to death at a		<i>Fort Chagre</i> taken <i>March</i> 24 9	
Puppet-show at <i>Burrel</i> near		A severe Frost, which starved	
<i>Cambridge</i> , <i>Sept.</i> 8	22	to death divers Men, &c.	
An Hospital, &c. at <i>Sheffield</i> in		with much Fowl and Cattle,	
<i>Yorkshire</i> washed down by a		and so damaged the Earth	
Thunder shower, <i>June</i> 11,		that there was scarce any	
1729	20	Grass to be seen at <i>May-day</i> 9	
Peace with <i>Spain</i> concluded at		Princess <i>Mary</i> of <i>England</i> espou-	
<i>Seville</i> , <i>Oct.</i> 29	20	sed to the Prince of <i>Hesse</i> , <i>May</i>	
<i>K.</i> of <i>Spain</i> revoked the <i>Seville</i>		8. The Marriage solemnized	
Alliance, <i>Jan.</i> 17, 1731	18	at <i>Cassel</i> <i>June</i> 21, 1740	9
Peace between <i>England</i> , <i>Germa-</i>		Princess <i>Elizabeth</i> born <i>Dec.</i> 30,	
<i>ny</i> , and <i>Holland</i> , signed at <i>Vi-</i>		1740	9
<i>enna</i> , <i>March</i> 5, 1731	18	All the Forts destroyed pertain-	
The King of <i>Spain</i> sign'd the		ing to <i>Carthagena</i> Harbour,	
<i>Vienna</i> Treaty, at the same		with all the Shipping found	
time restoring and confirm-		therein	8
ing that of <i>Seville</i> , <i>May</i> 26	18	A Comet appeared from about	
The Spanish Troops before <i>Gi-</i>		<i>Feb</i> 18 to <i>March</i> 21, amongst	
<i>braltar</i> built a Wall from Sea		the Northern Constellations	
to Sea, with Forts against that			7
Town and Bay, 1732	17	Prince <i>William Henry</i> born <i>Nov.</i>	
Broad Pieces of Gold called in		14, 1743.	6
and coined into Guineas	16	A splendid Comet appeared in	
The illustrious Prince and		the Signs of <i>Aries</i> and <i>Pisces</i> ,	
Princess of <i>Orange</i> married,		from <i>Decemb.</i> 23, 1743.	10
<i>March</i> 14, 1734	15	<i>Feb.</i> 20 following.	6

# The Chronology Continued.

Prince Henry Frederick born Oct. 27, 1745

A Rebellion broke out in Scotland, and the Rebels made an Excursion into England, even as far as the

Town of Derby. The King's Forces, under the Command of the Heroick D. of Cumberland, defeated the Rebels on Culloden-Moor in Scot. Ap. 16, 1746.

## Upon the Eclipses of Jupiter's Planets, 1749.

### The first SATELLITE.

Immersions.				Immersions.				Immersions.				Emersions.			
January				March.				May.				July.			
D	H	M	S	19	7	30	6	11	9	54	32	1	17	31	45
2	7	6	58	21	1	59	14	13	4	22	53	3	12	0	5
4	1	35	6	22	20	28	22	14	22	51	14	5	6	28	27
5	20	3	15	24	14	57	29	16	17	19	29	7	0	56	51
7	14	31	25	26	9	26	30	18	11	47	45	8	19	25	16
9	8	59	36	28	3	55	41	20	6	16	0	10	13	53	44
11	3	27	47	31	16	53	48	22	0	44	14	12	8	22	12
12	21	55	58	April.				23	19	12	27	14	2	50	42
14	16	24	11	2	11	22	50	25	13	40	39	15	21	19	14
16	10	52	26	4	5	51	51	27	8	8	50	17	15	47	47
18	5	20	43	6	0	20	50	29	2	37	0	19	10	16	22
19	23	49	2	7	18	49	49	30	21	5	6	21	4	44	59
21	18	17	22	9	13	18	46	June.				22	23	13	39
23	12	46	1	11	7	47	41	1	15	33	12	24	17	42	22
27	7	14	44	13	2	16	45	3	10	1	17	26	12	11	7
27	1	43	31	14	20	45	27	5	4	29	22	28	6	39	54
28	20	12	21	10	15	14	16	6	22	57	27	30	1	8	43
30	14	41	15	18	9	43	4	8	17	25	33	31	19	37	35
February.				20	4	11	50	10	11	53	39	Aug. 11.			
1	9	10	12	21	22	40	34	12	6	21	40	2	14	6	28
3	3	39	13	23	17	9	17	14	0	49	52	4	8	35	23
Immersions.				25	11	37	58	15	19	17	59	6	3	4	20
March.				27	6	6	36	17	13	46	6	7	21	33	18
5	3	50	34	29	0	35	12	19	8	14	13	9	16	2	18
6	22	5	48	30	19	3	46	21	2	42	32	11	10	31	20
8	16	35	1	May.				22	21	10	33	13	5	0	24
10	11	4	13	2	13	32	18	24	15	38	45	14	23	20	30
12	5	33	2	4	8	0	48	26	10	6	53	16	17	58	38
13	0	2	36	6	2	29	16	28	4	35	12	18	12	27	47
15	18	31	47	7	20	57	42	29	23	3	27	20	6	6	58
17	13	0	5	9	15	26	8					22	1	26	11
												25	19	55	25

# Upon the Eclipses of Jupiter's Planets, 1749.

## The First SATELLITE.

Immersion.	Emersions.	Emersions.	Emersions.
August.	September.	October.	November.
23 14 24 57	23 0 25 18	26 15 38 49	29 6 38 34
27 8 53 53	24 18 55 33	28 10 7 34	December.
29 3 33 11	26 13 24 50	30 4 36 17	1 1 6 40
30 23 52 31	28 7 54 12	31 23 4 57	2 19 34 42
September.	October.	November.	4 4 2 45
1 16 21 51	1 20 52 38	2 17 33 35	6 8 30 47
3 10 51 10	3 15 21 47	4 12 2 10	8 2 58 50
5 5 20 30	5 9 50 56	6 6 30 42	9 21 26 52
Emersions.	7 4 20 4	8 0 59 12	11 15 54 54
5 7 33 10	8 22 59 11	9 19 27 40	13 10 22 56
7 2 2 20	10 17 18 17	11 13 56 5	15 4 50 58
8 20 31 48	12 11 47 22	13 8 24 28	16 23 19 0
10 15 1 8	14 6 16 27	15 2 52 48	18 17 47 3
12 9 30 50	16 0 45 28	16 21 21 6	20 12 15 7
14 3 59 28	17 19 14 27	18 15 49 22	22 6 43 12
15 22 28 52	19 13 43 24	20 10 17 37	24 1 11 18
17 16 58 15	21 8 12 19	22 4 45 51	25 19 39 25
19 11 27 37	23 2 41 12	23 23 14 4	27 14 7 34
21 5 56 58	24 21 10 2	25 17 42 16	29 8 35 44
		27 12 10 26	31 3 3 55

## The Second SATELLITE.

Emersions.	Immersion.	Immersion.	Immersion.
January.	March.	April.	June.
3 4 51 57	15 4 10 49	26 19 56 41	1 8 53 3
6 18 9 5	18 17 13 0	30 9 14 50	4 22 1 5
10 7 26 18	22 6 49 11	May.	8 11 27 4
13 20 43 32	25 20 8 21	3 22 32 57	12 0 44 6
17 10 0 56	29 9 27 29	7 11 50 37	15 14 1 9
20 23 18 30	April.	11 1 8 21	19 3 18 17
24 12 36 57	1 22 46 29	14 14 26 1	22 16 35 30
28 1 54 22	5 12 5 23	18 3 43 36	26 5 52 50
31 15 11 45	9 1 24 11	21 17 1 4	29 10 10 18
Immersion.	12 14 42 51	25 6 18 28	July.
March.	16 4 1 27	28 19 35 48	3 8 27 54
8 1 32 23	19 17 20 0		6 21 45 32
11 14 57 37	23 6 38 24		10 11 3 18

# Upon the Eclipses of Jupiter's Planets, 1749.

## The Second SATELLITE.

Immersion.	Immersion.	Emerfions.	Emerfions.
July.	August.	October.	November.
14 0 24 13	29 5 25 58	3 21 24 12	19 2 22 48
17 13 39 13	September.	7 10 43 32	22 15 40 7
21 2 57 22	1 18 45 32	11 0 2 52	26 4 57 21
24 16 15 39	5 8 5 9	14 13 21 25	29 18 14 29
28 5 34 7	Emerfions.	18 2 40 12	December.
31 18 52 44	5 10 48 29	21 15 58 52	3 7 31 29
August.	9 0 8 2	25 5 17 25	6 20 48 28
4 8 11 31	12 13 27 34	28 18 35 52	10 10 5 27
7 21 30 21	16 2 47 4	November.	13 23 22 24
11 11 49 10	19 16 6 33	1 7 51 9	17 12 39 22
15 0 8 29	23 5 26 0	4 21 12 14	21 1 56 20
18 13 27 41	26 18 45 23	8 10 30 6	24 15 13 25
22 2 47 14	30 8 4 49	11 23 47 48	28 4 30 36
25 16 6 28		15 13 5 22	31 17 47 52

## The Third SATELLITE.

Emerfions.	Im and Em.	Im. and Em.	Immersion.
January.	April.	June.	August.
3 6 5 54	13 11 11 35	9 19 15 26	6 3 20 51
10 10 5 4	— 14 24 51	— 22 21 13	13 7 24 1
17 14 4 36	20 15 14 23	16 23 14 22	20 11 27 27
24 18 4 33	— 18 25 42	17 2 19 42	27 15 31 27
31 22 5 6	27 19 50 52	24 3 15 9	September.
Emerfions.	— 22 56 59	— 6 18 59	3 19 35 25
March.	May.	July.	Emerfions.
1 10 54 28	4 23 16 48	1 7 14 2	11 2 32 36
8 14 57 29	5 2 27 24	— 10 16 49	18 6 35 32
15 19 0 40	12 3 17 14	8 16 14 9	25 10 38 46
22 23 4 2	— 6 26 51	— 14 16 0	October.
Im. and Em.	19 7 17 13	15 15 14 3	2 14 41 39
30 3 7 22	— 10 26 4	— 18 15 0	9 18 43 23
— 6 22 22	23 11 16 47	Immersion.	16 22 45 34
April.	June.	22 19 16 23	24 2 8 9
6 7 9 57	2 15 16 7	29 23 18 22	
— 10 24 1	— 18 22 56		



# Upon the Eclipses of Jupiter's Planets, 1749.

## The Third SATELLITE.

Im. and Em.	Immersion	Im. and Em.	Im. and Em.
October.	November	November.	December.
D H M S	— 10 49 6	26 20 5 46	13 4 5 3 <sup>8</sup>
31 4 3 26	14 12 6 57	— 22 41 44	— 6 43 2
— 6 47 47	— 14 49 15	December.	20 8 4 49
November.	21 16 6 56	6 0 6 16	— 10 41 21
7 8 6 1	— 18 48 1	— 2 45 2	27 12 4 26
			— 14 39 48

## The Fourth SATELLITE.

Im. and Em.	Im. and Em.	Im. and Em.	Im. and Em.
January	April.	July	October.
4 0 19 30	14 14 14 47	7 9 33 50	16 0 8 33
— 4 28 15	— 17 46 28	— 12 22 9	— 1 34 50
Emerfions.	May.	24 3 53 9	November.
20 22 36 51	1 8 33 23	— 6 30 47	1 18 37 20
Im. and Em.	— 11 57 58	August	— 19 39 20
March.	18 2 49 19	9 22 15 55	Heliocentric.
12 1 31 54	— 6 5 28	10 0 42 16	Conjunction.
— 5 17 43	June.	Immersion.	18 13 12 30
28 19 53 47	3 21 3 38	26 16 41 42	December.
— 23 32 47	4 0 11 5	Emer Septem.	5 7 33 8
	20 15 17 59	12 13 10 3	22 1 43 8
	— 18 16 9	19 7 24 8	

*Note.* These Calculations of the Satellites are adapted to correct (or apparant) Time, and referred to the Meridian of London; and tho' I have taken notice of the Eclipses only, such Persons as require their Occultations by, and Trancits over the Body of Jupiter; as also their mutual Trancits amongst each other, may readily obtain them from these Calculations, if they please to consult the Precepts delivered by the learned Mr. *Whiston*, in his Book entitled, *Longitude discovered by Jupiter's Planets*; the Parallax of Jupiter's Orb, therein mentioned, being no other than the Difference betwixt his Heliocentric and Geocentric Place exhibited in this *Ephemeris*.

*N. B.* About the Middle of this Year, the same Duration of the Eclipses of the first Satellite is 1 h. 6 m. 46 s. and that of the Second, 1 h. 20 m. 46 s.

Upon

*Upon the Eclipses of the two greater Luminaries, 1749.*

**T**His Year affords Five Eclipses ; Three of the greater Luminary, the *Sun* ; and two of the lesser, the *Moon* : Of which Eclipses, one of each Luminary will be visible in these Parts of the World, if the Air prove favourable.

The first of these Eclipses is a solar one, upon *Saturday* the seventh of *January*, about our seven at Night, consequently invisible both to us and all the rest of *Europe*. In the *Pacific Ocean*, 106 Degrees West from *London*, 18 Degrees 15 Minutes South Latitude, this Eclipse will be total, and central in the Meridian, in which Longitude from about 15 Degrees of North Latitude, to 50 Degrees South, the *Sun* will appear eclipsed at Noon, consequently this Defect will be visible quite thro' the whole Continent of *South America*, to the Inhabitants whereof it will doubtless be very terrible, particularly in the Track of central Appearance, where they will for about the Space of one Minute, be surpris'd with a gloomy Darkness, even like that at Midnight ; in some Parts as soon as the *Sun* rises, and in all Parts of that Appearance (upon the Continent I mean) this Darkness will fall upon them before Noon.

The second is an invisible Eclipse of the *Moon*, upon *Monday* the nineteenth of *June*, about our nine in the Morning. This also is an *American* Eclipse, for at the Time of the greatest Defect the *Moon* will be vertical to that Part of the great *South Sea* lying 157 Degrees West from *London*, under 22 Degrees 14 Minutes of South Latitude ; whence it appears, that in all the Western Parts of *America*, even as far as *New Wales* both North and South, *Florida*, *Cuba*, *Jamaica*, *New Granada*, *Amazonia*, *Paragna*, and all the South Parts of *America*, as far as *Cape Horn*, this Eclipse will be visible ; as also in *New Zealand*, *New Holland*, the *Borneolanda*, and *Philippian Isles*, *Japan*, *Yedzo*, and upon the Eastern Coast of *China*, and *Great Tartary*.

The third, which is of the *Sun*, upon *Monday* the third of *July*, about half an Hour past our Noon, is notwithstanding that, invisible, not to us only, but even to all *Europe*, the South Coasts of *Spain* and *Portugal* excepted ; in which Parts, particularly at *Gibraltar*, it's very probable, a small Defect may be perceived upon the vertical Point of the *Sun*'s Periphery about Noon ; for in the *Ivory Coasts* of *Guinea*, under 5 Degrees 42 Minutes of North Latitude, in almost 6 Degrees of Longitude West from *London*, the Eclipse will be central in the Meridian, but not total ; for quite thro' the Track of central Appearance, the Spectators will be entertained with a beautiful Annulus, about

# Upon the Eclipses, 1749.

about half a Digit in Breadth, encompassing the Moon's opaque Body on all Sides: In this Longitude the Sun will appear more or less eclipsed at Noon, from 34 Degrees 22 Minutes of South Latitude, where the superior Point of the Moon's Periphery only touches the lowermost Point of that of the Sun, as they transit the Meridian, to 37 Degrees 52 Minutes North Latitude, where the vertical Point of the Sun's Disk is only touched by the Moon at their making the same Transit. Whence it appears, that in *Madagascar*, the *Admiralty Isles*, &c. in the Eastern or *Indian Sea*, quite thro' *Africa*, in the Islands of *St. Helen*, *St. Matthew*, and *Ascension*; As also in *Brasil*, *Amazonia*, *Peru*, and *Terra Firma*; in *America* this Eclipse will be visible. It will be visible also in the *Canary* and *Cape Verde* Isles, &c. upon the western Coasts of *Africa*. In the latter of these Isles, in that of *St. Matthew*; as also in *Guinea*, *Ethiopia*, *Abissina*, and *Negro Land*, the Defect will be very considerable.

The fourth is a visible Eclipse of the Moon, upon *Tuesday* the twelfth of *December*, at the Time of greatest Observation the Moon is vertical to that Part of the Globe which lies 59° East from *London*, in 24 Degrees 13 Minutes of North Latitude: Namely, in that Point of the Gulph of *Ormus*, lying betwixt *Fez*, upon the South Border of *Persia*, and *Kellat*, upon the North-east Coast of *Arabia*. Whence it appears, that this Eclipse will be visible to *New Holland*, all the Isles of *Sunda*, *Bornea*, *Molugne*, *Philippina*, the *Ladrões*, those of *Japan*, &c. in the Land of *Yedzo*, and to all *Asia*, *Africa*, and *Europe*; together with *Greenland*, *Groenland*, *Iceland*, *New Britain*, *Newfoundland*, *Cape Breton*, and *New Scotland* in *America*.

In these Kingdoms of *Great Britain*, the Time and Manner of its Appearance may be expected to correspond with the following Calculation and Construction.

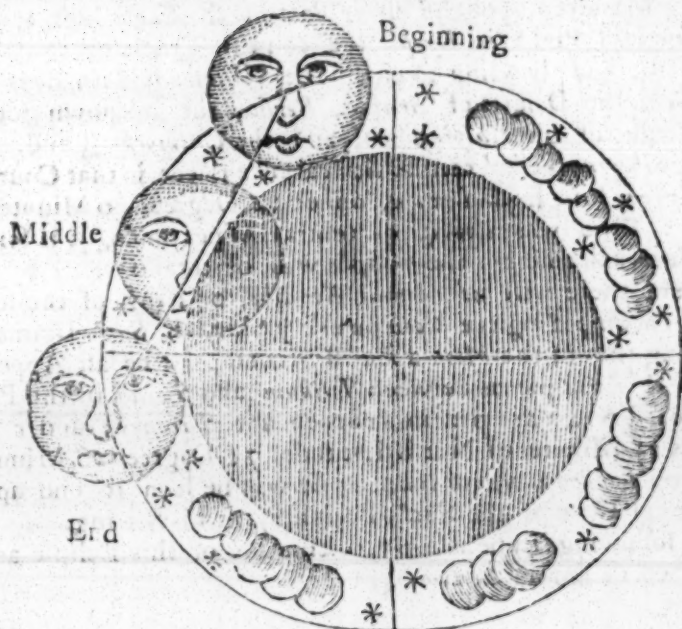
		Edinburg.			York.			Lincoln.			London.			The Sun's
		<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>b.</i>	<i>m.</i>	<i>s.</i>	
The	Beginning	6	47	0	6	55	40	6	58	00	6	59	40	Eclipsed
	Opposition	7	44	26	7	52	26	7	51	46	7	56	26	
	Middle —	7	52	2	8	0	2	8	2	22	8	4	2	
	End — —	9	4	24	9	12	24	9	14	44	9	16	24	

Digits eclipsed 5 27 12

The

# Upon the Eclipses, 1749.

## The Type.



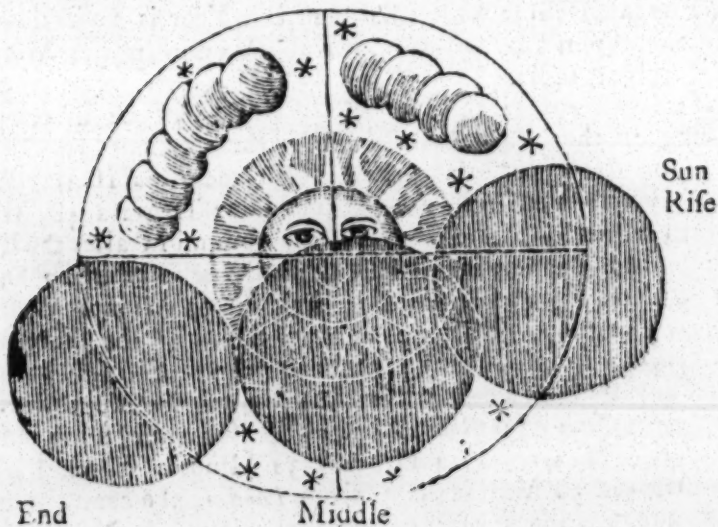
The last Eclipse which happens this Year is a visible one of the *Sun*, upon *Tursday* the 28th of *December* in the Morning, with respect to us.

The first Appearance of this Eclipse will be at the *Sun's* Rising in the Western or *Atlantic Ocean* (about 120 Leagues West of *Bravo*, the southermost of *Cape Verd Isles*) 7 Degrees 58 Minutes West from *London*, under 13 Degrees 48 Minutes North Latitude. The Centre of the Penumbra takes the Earth's Disk, and the *Sun* is first seen centrally eclipsed in 27 Degrees 21 Minutes North Latitude, 17 Degrees 53 Minutes West from *London*, namely, about 22 Leagues South of the famous Pike of *Teneriff* in one of the *Canary Isles*; the central Appearance directing its Course eastward, but bending a little towards the South, passeth over *Boledulgerid* in *Barbary*, and upon the West Borders of *Egypt*, in 24 Degrees 34 Minutes North Latitude, 31 Degrees 36 Minutes East from *London*, the central Appearance happens in the 90° of the *Ecliptick*; in which Country near *Ducati*, upon the Borders of the *Red Sea*, the *Sun* will be centrally eclipsed at Noon. In the Longitude, the Meridional *Sun* will be more or less eclipsed from betwixt 10 and 11 Degrees

*Upon the Eclipses, 1749.*

Degrees of South Latitude, where the *Moon's* lower Limb only touches the upper Verge of the *Sun*, to 67 Degrees 45 Minutes of North Latitude, where the Defect will be about 6 Digits and 24 Minutes, upon the lower Part of the *Sun's* Disk; from the aforesaid Place in *Egypt*, the central Track proceeds still Eastward, and bending towards the North, passeth over the *Red Sea*, the Districts of *Arabia*, *Persia*, the unknown South-east Coasts of the *Caspian Sea*, and the *Calmucks* Land, and entering *Siberia*, the last central Appearance is seen in that Country 78 Degrees East from *London*, under 52 Degrees 50 Minutes of North: Thro' this Track of central Appearance, it is somewhat doubtful whether the Eclipse will be total or not; by my Numbers there will be a small Amulus, or Ring of the solar Light, encompassing the *Moon* on every Side, the *Sun's* Diameter exceeding that of the *Moon* about 8 Seconds. The last Appearance of this Eclipse is between *Taikam* and *Talan* in the Province of *TOCARESTON* in Independent *Tartary*; under 37 Degrees 15 Minutes of North Latitude, 74 Degrees 16 Minutes East from *London*; where the Eclipse will be seen to end upon the vertical Point of the *Sun's* Periphery at his Setting.

The following Type is a Representation of this Eclipse as it is expected to appear at *London*.



By



## Upon the Eclipses, 1749.

By this Type it appears, that at *London* the *Sun* will rise eclipsed, but in *Holland*, *Germany*, and the more easterly Parts of *Europe*, the whole Eclipse will be visible; it will also be worth while for the skilful *Astronomer* to have a watchful Eye at the *Sun's* Rising upon the Eastern Coast of this Kingdom, for if my Numbers be precise (or a small Matter too forward) the *Sun* will appear above the Horizon, in the Eastern Parts of *Norfolk*, *Suffolk*, and *Kent*, and perhaps *Essex* also before the Eclipse begins: his Rising being in this Situation accelerated no less than 4 Minutes and a Half by the Refraction caused by the gross Vapours floating in our Atmosphere.

	Edinburgh.					York.					London.				
	Time.		Defect.			Time.		defect.			Time.		defect.		
	<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>d.</i>	<i>m.</i>	<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>d.</i>	<i>m.</i>	<i>b.</i>	<i>m.</i>	<i>s.</i>	<i>d.</i>	<i>m.</i>
Sun rises	8	26		04	50	8	12	35	2	52	7	59	30	1	15
Middle —	8	50	30	6	26	8	55	54	6	34	8	57	34	6	45
End —	9	56		c		10	2	32			10	7	54		

This Year also affords several near Appulies of the Moon to that notable Star of the first Magnitude, call'd the *Scorpion's Heart*; at two of these Appulies the Star will be quite obscured for some Time in these Kingdoms; namely, upon *Monday* the 27th of *March*, when the Immerision may be expected about 1 in the Morning, and the Imerision about a Quarter past 2: And *Thursday* the 10th of *August*, in this Occultation, the Immerision happens about a Quarter past 8 at Night, and the Emerision about half an Hour past 9.

## Upon the Four Quarters of the Year.

### The SPRING Quarter

**C**ommences upon *Thursday* the ninth of *March*, according to Vulgar Computation, at 7 Min. 45 Sec. past 11 in the Morning; when the 16th Deg. of *Pisces* culminates, and 18 of *Cancer* ascends: At the preceding Lunation we have 3 Deg. of *Virgo* ascending, and 23 of *Taurus* upon the Mid heaven.

The two *Benevolents* in Conjunction upon the Cusp of the *House of Honour*, *Jupiter* Lord thereof, and the *Moon* Lady of the *Ascendant*, separating from a Trine of her Dispositor, and hastening to their Sextile, is a very noble Position, to which if we add the approaching Trine of *Saturn* and *Jupiter*, anticipated by the Transicion of *Venus*; Transactions of great Importance

## Upon the Four Quarters of the Year, 1749.

portance must be expected from them: Harmony and Concord amongst all Degrees of Men, from the Court to the Cottage, will be promoted in a very eminent Degree; and the Tranquility of *Europe* will, in all probability, under the salubrious Influence of these Positions, obtain a happy Establishment. The Trine of the *Sun* and *Saturn*, as here posited, promisetb Prosperity to Traffick and Commerce, together with Wealth and Profit to the Industrious Tradesman; but his Quartile to *Mars*, at the preventional *New-Moon*, may perhaps give some uneasiness to a crowned Head, and Disgrace to a Favourite Martialist, or Commander.

*Now genial Rays and gentle Show'rs  
Unbind the Glebe, and raise the Flow'rs:*

*The early Primrose, welcome Guest,  
The Cowslip in bright Yellow dress'd;  
The Violet Blue, and Lilly White,  
And Rose in various Liv'ries light,  
The Jess'mine Pale, and Daffodil,  
And Honeyfuckle sweet to smell.*

*Now upon ev'ry Bush and Spray  
Each pretty Warbler chaunts its Lay;  
The Thrushes loud, and Linnets shrill,  
With Ousles in the Consort trill;  
And soaring Lark, on quiv'ring Wings,  
Pois'd o'er his Nest, melodious sings:*

*Which way so'er we turn our Eyes,  
Luxurious Scenes of Beauty rise,  
Or flow'ry Lawns, or verdant Hills,  
Or waving Woods, or wand'ring Rills.*

### The Summer Quarter

**T**AKES its Beginning this Year upon the Tenth of *June*, at 36 Min. 27 Sec. past 10 in the Morning; at which Time Degrees of *Gemini* cuts the Medium Celi, and 16 of *Virgo* possesses the Horoscope. In this Scheme we have *Mercury* Lord of the *Ascendant*, applying to *Jupiter* Lord of the *Seventh* (therein strongly posited) with a Trine Aspect. The *Moon* Dispositor of *Mercury* and Lady of the *Eleventh*, upon the Cusp of the *Ascendant*, separates from a Trine of *Mars*, Lord of the *Fourth* and *Eighth* Houses, and applies to a Sextile of *Saturn* Lord of the *Fifth* and *Sixth*; thus far the Positions are very amicable, to which we may add the *Sun's* Trine to *Saturn*, but

## Upon the Four Quarters of the Year, 1749.

his Opposition to *Mars*, and both of them quadrating *Jupiter*, are very malevolent Configurations; from whence it may be rationally conjectured, that, during this Quarter, there will be much Uneasiness amongst Men, especially amongst *Kings*, *Princes*, and the highest Class of *Ecclesiasticks*; which will in all probability promote some hot Contests about *Religion*, or religious Matters, perhaps some Donations, or Inheritances Ecclesiastical may be objected to, and warmly contested. The Opposition of the *Sun* and *Mars* will probably soment Clashings and Contradictions in the Councils of States and Kingdoms, one Faction opposing another, and every one driving at their own private Interest to the Prejudice of the Publick. But *Saturn* in Trine to the *Sun* and *Venus* conjoined in the House of Honour, will bring some lofty Projects upon the Tapis, and set on foot some new League, or confirm such as have been some time in Agitation.

### The Autumnal or Harvest Quarter,

ENTERS this Year upon Monday the eleventh of September, at 46 M n. 30 Sec. past 11 at Night; at which Time 26 Deg. of *Pisces* are culminant, and 25 of *Cancer* ascend; the Moon Lady of the Ascendant upon the Cusp of the Eighth House separates from a Trine of *Mercury*, posited with the *Sun* in the Fourth in *Libra*, the House of *Venus*, to whose Conjunction he is also approaching, but falls Retrograde before it be accomplished; at this Ingress we find *Jupiter* approaching by Retrograde Motion to his second Trine of *Saturn*, having lately been accosted with an Opposition of the *Sun*; which, with the Quatle of *Mars* and *Mercury*, are the only Aspects of Malevolent import at this Ingress; but *Mars* at the same Time applies to a Sextile both of *Saturn* and *Jupiter*, *Saturn* and *Mars* in each others domal Dignities.

These Positions and Configurations promise Agreements and Reconciliations amongst contending Parties, more especially the Salubrious Trine of the two grand Superiors, now in Force; and from which they never separate the Moiety of their Orbs during the Space of six whole Months; but repeat it a third time, in February following. From this long Interview, very advantageous Proceedings may be expected, and the long wish'd for Peace and Tranquility will doubtless be restored and settled upon a secure Basis, it's true, Peace at the Time of my present Writing is very much talked of, and seems to be in a fair way

## *Upon the Four Quarters of the Year, 1749.*

of being established, but so many untoward Configurations intervene, that I fear, the Olive Branch will approach very slowly; but be that as it will, this noble Aspect will doubtless bring the desired Work to Perfection, though divers Hears and Animosities, with Strifes and Discords of a religious Nature, caused chiefly by such hypocritical Persons as wear the Badge of Sanctity, but are no better than Wolves in Sheeps Cloathing, will frequently intervene, and retard the Progress of the salutary Work.

### *The Winter Quarter*

**T**His Quarter begins upon *Sunday* the Tenth of *December*, 17 Minutes past 3 in the Evening; at which Time we have 25 Degrees of *Gemini* upon the Horoscope, and 17 of *Aquarius* on the Midheaven, *Mercury* Lord of the Ascendant, in the Sixth House beholds *Jupiter* and *Mars* upon the Cusp of the Eleventh, with a square Aspect, and *Venus* with a Sextile, this last located upon the Cusp of the Tenth, but Significatrix of the Fifth and Twelfth. The *Moon* in the Twelfth separates from an Opposition of *Saturn*, and the *Sun* in the Seventh, from a Quartile of *Jupiter*. Here we find *Jupiter* hastening to his Third Trine of *Saturn*, which tho' a noble Aspect, will have no great Influence upon this Quarter, especially the forepart thereof, this being the only Aspect of Benevolence in the Scheme; and having sufficiently treated upon it already, I shall say no more upon it in this Place, but refer the Reader to my Judgment upon the preceding Quarters. As to this Quarter in general, it cannot be expected to be very harmonious. Some uncommon Differences about religious Matters, will, it's to be fear'd, still shew themselves; the *Sun* and *Jupiter* frown'd upon each other at the two last Ingresses, and do the same in this; and to mend the Matter, *Mars* adds fuel to the Flame; whence we may expect Differences amongst the Great and Noble about Government, the meaner Sort quarrel about Party Wrangles, and Robbers and Murderers, are as audacious as others.

*There is a Chain of Causes, and the Stars,  
(Sub Deo) smile us Peace, or frown us Wars;*

*Now we the first enjoy: Let no Contest*

*'Mon, st us remain, but who shou'd be the best:*

*May Love triumph, and Christians all agree,*

*And lasting Peace complete our Unity.*

*Frieston Die D; July 25, 1748.*

F I N I S.

in-  
ery  
els  
nd  
ue,  
of  
vill  
rk.

er;  
we  
of  
nt,  
of  
le,  
rix  
fe-  
he  
ter  
ble  
ce-  
he-  
n it  
he  
to  
ar-  
at-  
nd  
nd  
uel  
he  
rel  
as